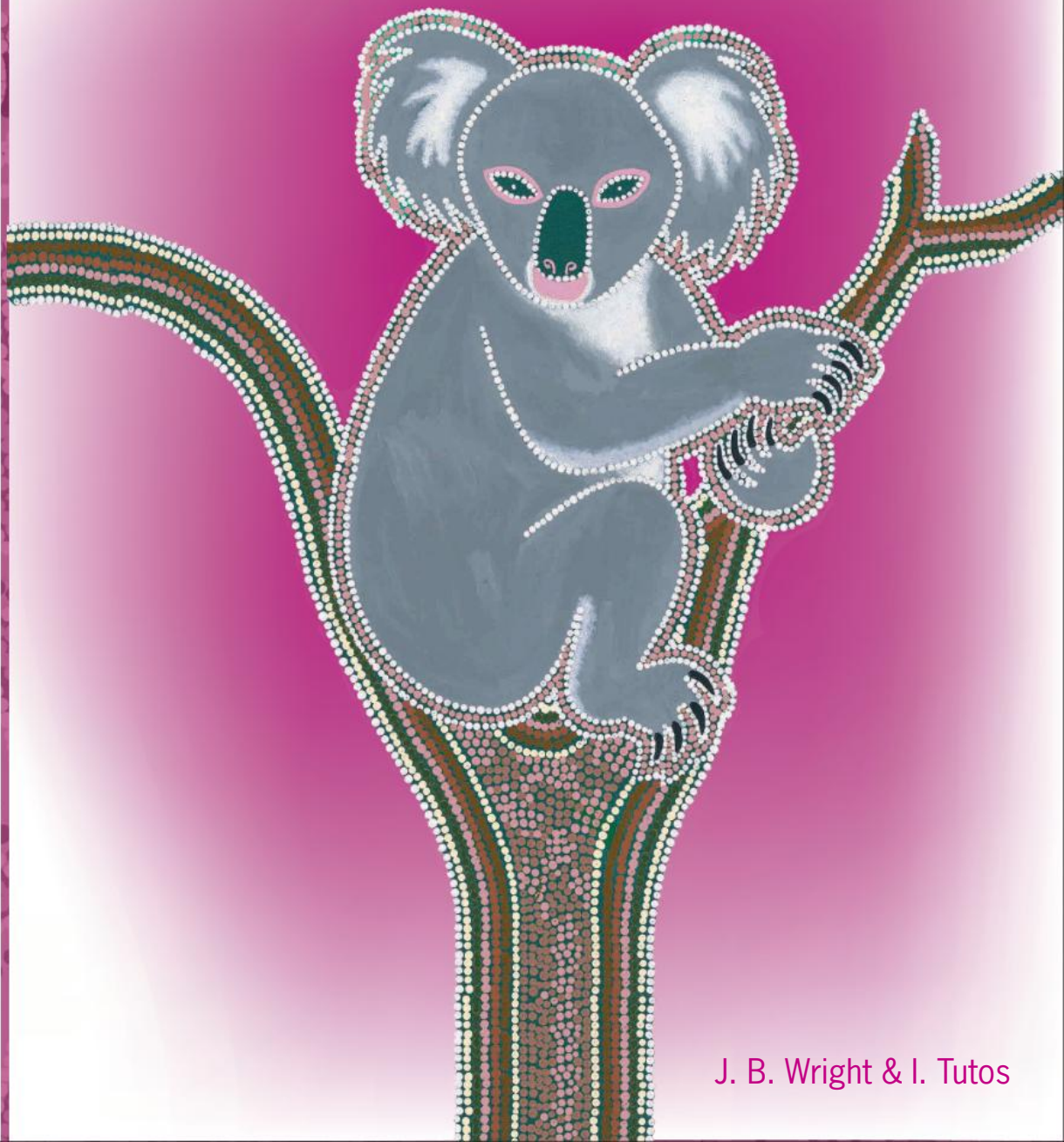
ROSE

second edition

MATHS MATE



J. B. Wright & I. Tutos

MATHS MATE

Student Workbook - 2nd Edition

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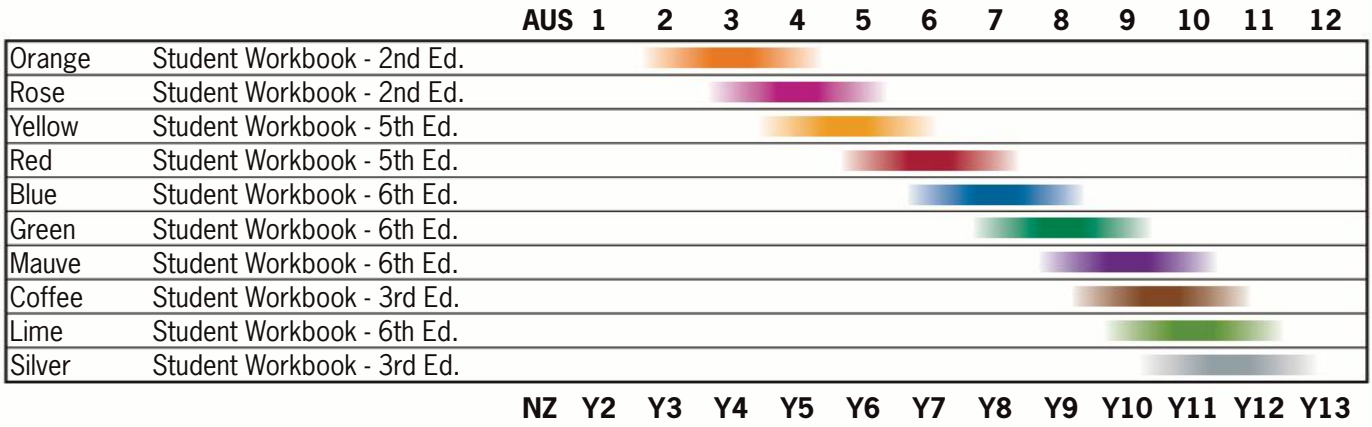
Preface

The Maths Mate Review Program is designed to be used in schools by students from years 3 to 10 (Australia) and years 4 to 11 (New Zealand). Emphasis is placed on the review and gradual development of basic skills.

It is not expected that all students will be able to complete every question from week one. Some questions have been designed to offer a real challenge. However, a major strength of the program is that students are consistently confronted with problems relating to their understanding of the same basic skill, encouraging them to see the need to master that skill in order to progress.

RECOMMENDED GRADE / YEAR LEVEL INDICATOR



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Maths Mate Rose cover painting

Koala - 2003
Acrylic on canvas 60 × 50 cm
by Australian artist Susan Betts - Kokata, Mirning and Wirangu.

'Koala' was purchased by The Educational Advantage who have been kindly given permission to reproduce the painting. This contemporary Aboriginal artwork combines traditional and modern techniques. Susan's rich and vibrant art reflects the Australian landscape and wildlife, both flora and fauna.

MATHS MATE

Name: .....

Class: .....

Teacher: .....

Worksheet Results

Term 1

		Sheet 1	Sheet 2	Sheet 3	Sheet 4	Skill Builder links	Sheet 5	Sheet 6	Sheet 7	Sheet 8	Skill Builder links
NUMBER & ALGEBRA	1. [Counting]	1	1	1	1	1.2,3	1	1	1	1	1.4,10
	2. [Addition / Subtraction]	2	2	2	2	2.2,3,4	2	2	2	2	2.5,12
	3. [Multiplication / Division]	3	3	3	3	3.3,12	3	3	3	3	3.4,13
	4. [+ Whole Numbers]	4	4	4	4	4.2,3,4,5,6	4	4	4	4	4.2,3,4,5,6
	5. [– Whole Numbers]	5	5	5	5	5.2,3,4,5,6	5	5	5	5	5.2,3,4,5,6
	6. [× Whole Numbers]	6	6	6	6	6.2,3,5,6	6	6	6	6	6.4,5,6
	7. [÷ Whole Numbers]	7	7	7	7	7.2	7	7	7	7	7.3
	8. [Word Problems]	8	8	8	8	8.1,2,3,4	8	8	8	8	8.1,2,3,4
	9. [Fractions]	9	9	9	9	9.2,4	9	9	9	9	9.3,6
	10. [Place Value]	10	10	10	10	10.1,2	10	10	10	10	10.3
	11. [Word Numbers]	11	11	11	11	11.1,2	11	11	11	11	11.1
	12. [Money]	12	12	12	12	12.1,2	12	12	12	12	12.3
	13. [Number Patterns]	13	13	13	13	13.1	13	13	13	13	13.2
MEASUREMENT & SPACE	14. [Time]	14	14	14	14	14.1,2	14	14	14	14	14.3
	15. [Measuring]	15	15	15	15	15.1	15	15	15	15	15.2
	16. [Shapes]	16	16	16	16	16.1	16	16	16	16	16.2
	17. [Location]	17	17	17	17	17.1,2	17	17	17	17	17.3
S & P	18. [Statistics / Probability]	18	18	18	18	18.4	18	18	18	18	18.6
PROBLEM SOLVING	19. [Problem Solving 1]	19	19	19	19	Hints & Solutions	19	19	19	19	Hints & Solutions
	20. [Problem Solving 2]	20	20	20	20	Hints & Solutions	20	20	20	20	Hints & Solutions
	21. [Problem Solving 3]	21	21	21	21	Hints & Solutions	21	21	21	21	Hints & Solutions
	Total Correct										

MATHS MATE

Term 1 - Sheet 1

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Write the numbers before and after 200.

	200	

2. [Addition / Subtraction]

Draw lines to join pairs of numbers that add to 10.

2	4	9	7	5
1	8	6	5	3

3. [Multiplication / Division]

Complete the multiplication.

3 rows of 9 =

□ × □ = □

4. [+ Whole Numbers]

	2	14	9	3	16
+ 8					

5. [– Whole Numbers]

	19	14	16	13	18
– 10					

6. [× Whole Numbers]

	7	9	11	4	6
× 3					

7. [÷ Whole Numbers]

80 ÷ 10 = □

8. [Word Problems]

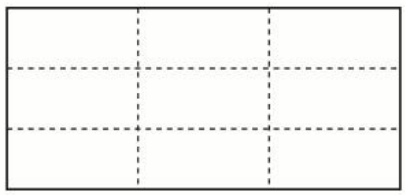
The school zone speed limit in New Zealand is 40 km/h. For New Zealand's highways the speed limit is 60 km/h higher. What is the speed limit for New Zealand's highways?

[Write the number sentence.]

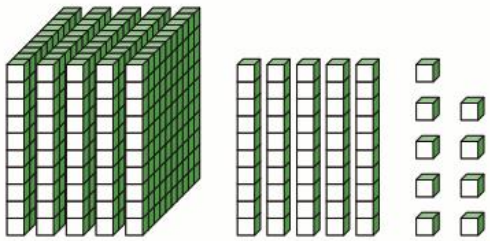
= km/h

9. [Fractions]

Colour one ninth of the rectangle.



10. [Place Value]



5 hundreds 5 tens 9 ones = □

11. [Word Numbers]

Write in numerals:

nineteen □

12. [Money]

Circle the coin with the greatest value.



13. [Number Patterns]

13 , 15 , 17 , 19 , 21 , __ , __

14. [Time]

17 February 2026 marks the beginning of the Chinese New Year of the Horse. Which day of the week is this?

FEBRUARY - 2026

Sun 1	Mon 2	Tue 3	Wed 4	Thu 5	Fri 6	Sat 7
Sun 8	Mon 9	Tue 10	Wed 11	Thu 12	Fri 13	Sat 14
Sun 15	Mon 16	Tue 17	Wed 18	Thu 19	Fri 20	Sat 21
Sun 22	Mon 23	Tue 24	Wed 25	Thu 26	Fri 27	Sat 28

15. [Measuring]

Which landmark is the widest?

A) 
B) 
C) 

16. [Shapes]

Circle the pyramid.



17. [Location]

Is the cello 'in front of' or 'behind' the blocks?

18. [Statistics / Probability]

Complete the tally table for the number of balls used in:

billiards - 3, snooker - 22, 8-ball - 17

Number of balls used in games

Game	Tally
billiards	III
snooker	
8-ball	

19. [Problem Solving 1] *

Which number is halfway between 3 and 25?

20. [Problem Solving 2] *

If you continue the pattern, how many matchsticks would be in the fifth figure?


fig. 1

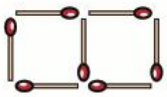



fig. 2

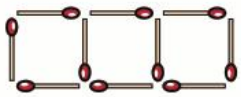



fig. 3

21. [Problem Solving 3] *

So far Ricky's team has one outright and two 1st innings wins. How many points are they on?

cricket result	points
outright win	6
1st innings win	2
outright loss	0

MATHS MATE

Term 1 - Sheet 2

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Write the numbers before and after 985.

	985	

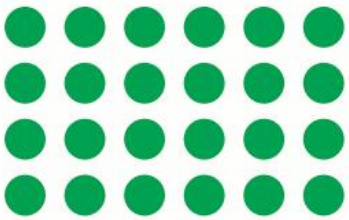
2. [Addition / Subtraction]

Draw lines to join pairs of numbers that add to 20.

13	15	19	14	12
6	8	1	5	7

3. [Multiplication / Division]

Complete the multiplication.



4 rows of 6 = ☐ × ☐ = ☐

4. [+ Whole Numbers]

+ 4	0	19	3	7	15

5. [– Whole Numbers]

– 5	8	14	21	9	7

6. [× Whole Numbers]

× 9	7	2	5	3	9

7. [÷ Whole Numbers]

5 ÷ 1 = ☐

8. [Word Problems]

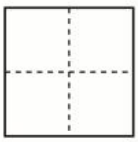
A roll of 40 one-dollar coins weighs 200 grams. How many grams does one coin weigh?

[Write the number sentence.]

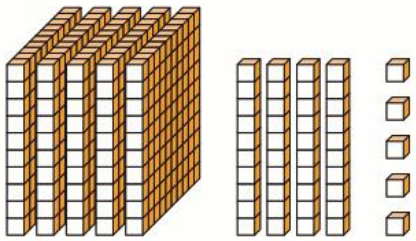
= g

9. [Fractions]

Colour two quarters of the square.



10. [Place Value]



☐ hundreds ☐ tens ☐ ones

= ☐

11. [Word Numbers]

Write the number 90 in words.

12. [Money]

Circle the coin with the least value.



13. [Number Patterns]

14 , 17 , 20 , 23 , 26 , __ , __

14. [Time]

How many weekends in May 2021?

MAY - 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

15. [Measuring]

Which is likely to be the longest?

A) javelin
B) sword
C) relay baton

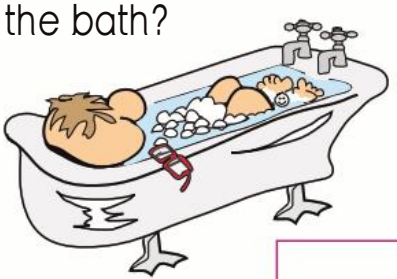
16. [Shapes]

Circle the cylinder.



17. [Location]

Is the man 'inside' or 'outside' the bath?



18. [Statistics / Probability]

Complete the tally table.

New stamp sets - 2019

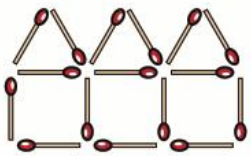
Set	Tally	Number
2019 ANZAC	𝍸 |	
Year of the Pig		4
Sir Edmund Hillary		5
Colin McCahon		5
Rock Legends		9

19. [Problem Solving 1] *

Which number is halfway between 6 and 30?

20. [Problem Solving 2] *

This is a row of 3 matchstick houses. How many matchsticks would it take to make a row of 6 matchstick houses?



21. [Problem Solving 3] *

Todd's team scored 3 touchdowns and 1 field goal. How many points did Todd's team score?

grid iron score	points
touchdown	6
field goal	3
two-point conversion	2
point after touchdown	1

MATHS MATE

Term 1 - Sheet 3

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Count backwards from 622.

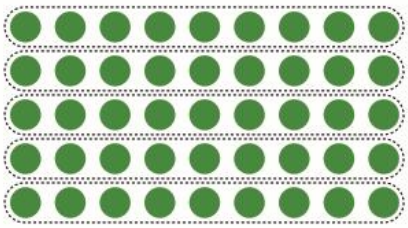
622				

2. [Addition / Subtraction]

Circle the numbers that make 10, then add.

8 + 7 + 9 + 3 = ☐

3. [Multiplication / Division]



45 divided into 5 groups =

45 ÷ 5 = ☐

4. [+ Whole Numbers]

	10	15	19	3	18
+ 7					

5. [– Whole Numbers]

	8	10	5	26	12
– 3					

6. [× Whole Numbers]

	5	7	12	3	6
× 4					

7. [÷ Whole Numbers]

70 ÷ 10 = ☐

8. [Word Problems]

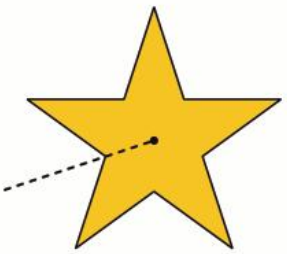
Lions live in prides of about five adult female lions, two adult male lions, and their cubs. How many adult female lions would live in eight prides?

[Write the number sentence.]

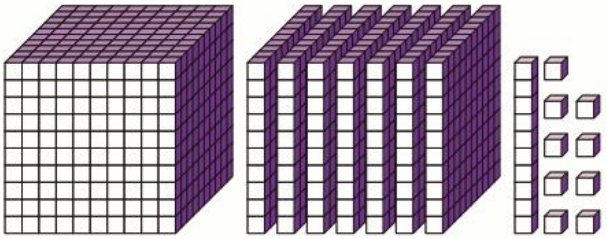
=

9. [Fractions]

Draw four more dotted lines to divide the star into fifths.



10. [Place Value]



1 thousand 7 hundreds
1 ten 9 ones = ☐

11. [Word Numbers]

Write the number 72 in words.

12. [Money]

Which note has the least value?

A) 

B) 

C) 

13. [Number Patterns]

9 , 13 , 17 , 21 , 25 , __ , __

14. [Time]

What is the date of the second Friday in June 2021?

JUNE - 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

15. [Measuring]

How much shorter is the Mataura River than the Waikato River?

A) Waikato River (North Island) 425 kilometres

B) Mataura River (South Island) 240 kilometres

km

16. [Shapes]

What shape is this object?

A) rectangular prism

B) cube

C) square pyramid

17. [Location]

Draw a paint brush next to the ladder.

18. [Statistics / Probability]

Complete the tally table. How many vowels are in the word 'stewardesses'?

'Stewardesses' - the longest word typed by the left hand

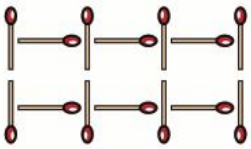
Vowel	Tally	Number
a	|	1
e		

19. [Problem Solving 1] *

Which number is halfway between 5 and 31?

20. [Problem Solving 2] *

This is a 3-section matchstick fence. How many matchsticks would it take to make an 8-section fence?



21. [Problem Solving 3] *

Marian shot 4 goals from inside the 3-point line and 2 goals from outside the 3-point line. How many points did Marian score?

basketball goals	points
foul shot	1
goal inside the 3-point line	2
goal outside the 3-point line	3

MATHS MATE

Term 1 - Sheet 4

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Count on from 2376.

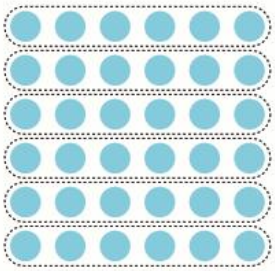
2376			

2. [Addition / Subtraction]

Circle the numbers that make 10, then add.

$8 + 7 + 4 + 2 =$ ☐

3. [Multiplication / Division]



36 divided into 6 groups =

☐ ÷ ☐ = ☐

4. [+ Whole Numbers]

	6	15	9	14	18
+ 9					

5. [– Whole Numbers]

	20	12	11	29	13
– 7					

6. [× Whole Numbers]

	4	8	9	2	10
× 8					

7. [÷ Whole Numbers]

$3 \div 1 =$ ☐

8. [Word Problems]

A ground squirrel whose usual temperature is 38°C has a hibernation temperature of 4°C. How many degrees less is the squirrel's hibernation temperature than its usual temperature?

[Write the number sentence.]

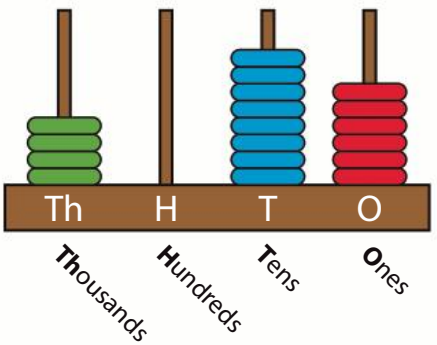
☐ = ☐ °C

9. [Fractions]

Draw lines to divide the sign into thirds. [Hint: Once line has been drawn.]

10. [Place Value]

Write the numeral.



☐

11. [Word Numbers]

Write in numerals:

forty-five ☐

12. [Money]

Which note has the greatest value?

A) 

B) 

C) 

13. [Number Patterns]

30 , 35 , 40 , 45 , __ , __

14. [Time]

How many week days in September 2021?

SEPTEMBER - 2021

Sun	Mon	Tue	Wed 1	Thu 2	Fri 3	Sat 4
Sun 5	Mon 6	Tue 7	Wed 8	Thu 9	Fri 10	Sat 11
Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17	Sat 18
Sun 19	Mon 20	Tue 21	Wed 22	Thu 23	Fri 24	Sat 25
Sun 26	Mon 27	Tue 28	Wed 29	Thu 30	Fri	Sat

15. [Measuring]

How much deeper is the Grand Canyon than Fish River Canyon?

A) Fish River Canyon (Namibia) 550 metres

B) Grand Canyon (USA) 1600 metres

m

16. [Shapes]

What shape is this object?

A) a cylinder

B) a triangular pyramid

C) a triangular prism

17. [Location]

Draw a person above the trampoline.

18. [Statistics / Probability]

Complete the tally table. How many vowels are in the word 'floccinaucinihilipilification'?

'Floccinaucinihilipilification'
The longest word in the English Language

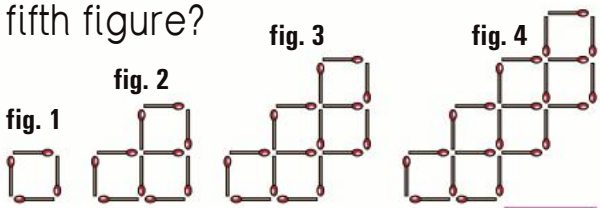
Vowel	Tally	Number
o	II	2
i		
a		
u		

19. [Problem Solving 1] *

Which number is halfway between 2 and 20?

20. [Problem Solving 2] *

If you continue the pattern, how many matchsticks would be in the fifth figure?



21. [Problem Solving 3] *

The Crows had 5 wins, 1 draw, 2 losses and 1 bye. How many points did they score?

football result	points per game
win	4
draw	2
loss	0
bye	0

MATHS MATE

Term 1 - Sheet 5

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

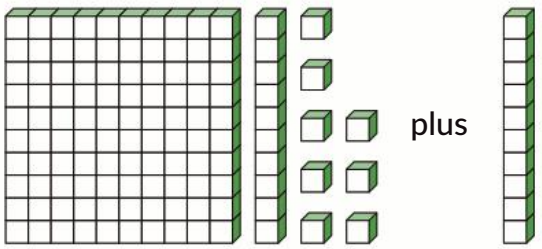
1. [Counting]

When counting by 7s, what is the next number?

7 , 14 , 21 , 28 , 35 , 42 , ☐

2. [Addition / Subtraction]

Complete the addition.



☐ + ☐ = ☐

3. [Multiplication / Division]

5 + 5 + 5 + 5 + 5 + 5 = ☐

6 × 5 = ☐

4. [+ Whole Numbers]

	4	17	23	8	15
+ 8					

5. [– Whole Numbers]

	12	8	33	10	24
– 6					

6. [× Whole Numbers]

	4	8	1	9	6
× 5					

7. [÷ Whole Numbers]

24 ÷ 3 = ☐

8. [Word Problems]

Since 1990, 34 new countries have been created. Altogether now there are 195 countries in the world. How many countries were there before 1990?

[Write the number sentence.]

☐ =

9. [Fractions]

Colour two thirds of the hearts.

10. [Place Value]

Expand 437.

hundreds tens ones

11. [Word Numbers]

Write in numerals:

seven hundred ☐

12. [Money]

How much money in total?



$

13. [Number Patterns]

22 , 20 , 18 , 16 , 14 , __ , __

14. [Time]

Yesterday was Tuesday. What day is tomorrow?

15. [Measuring]

Which object is likely to weigh the least?

A) basketball
B) baseball
C) tennis ball

16. [Shapes]

Circle the shape that does **not** belong.

17. [Location]

Whose image is to the left of Nelson Mandela?
[As seen from your perspective.]


Sir Edmund Hillary

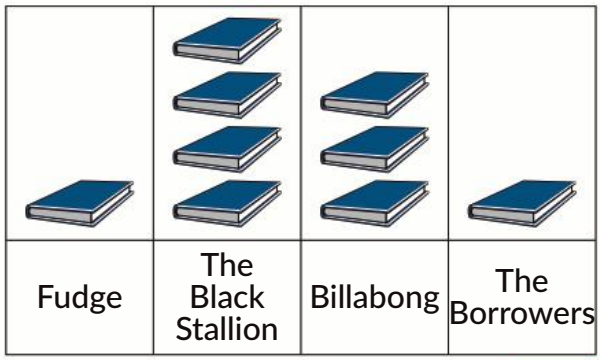

Nelson Mandela

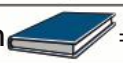

Thomas Edison

18. [Statistics / Probability]

How many books in The Black Stallion series?

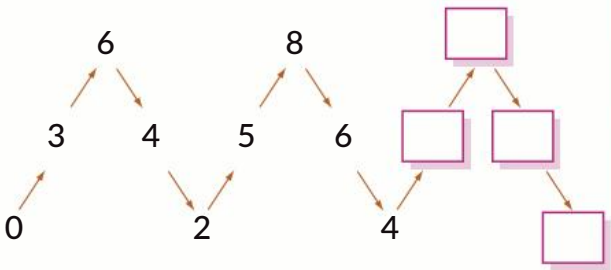
Books in a Series



Each  = 5 books

19. [Problem Solving 1] *

Fill in the missing numbers.

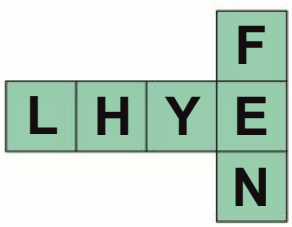


20. [Problem Solving 2] *

A group of children each rode a horse to the bottom of the canyon. They had 20 eyes and 30 legs between them. How many horses were there?

21. [Problem Solving 3]

Bron made a cube using this net.



Which cube is Bron's?

A) 

B) 

C) 

MATHS MATE

Term 1 - Sheet 6

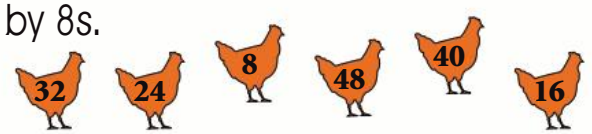
Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

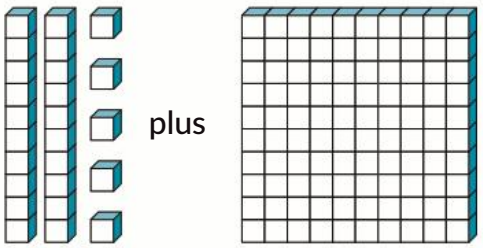
Use the hens to show counting by 8s.



8					

2. [Addition / Subtraction]

Complete the addition.



$\square + \square = \square$

3. [Multiplication / Division]

$4 + 4 + 4 + 4 + 4 + 4 + 4 = \square$

$7 \times 4 = \square$

4. [+ Whole Numbers]

	9	17	3	26	12
+ 9					

5. [– Whole Numbers]

	30	14	21	7	12
– 5					

6. [× Whole Numbers]

	5	2	9	7	10
× 8					

7. [÷ Whole Numbers]

$30 \div 5 = \square$

8. [Word Problems]

The New Zealand flag has 4 stars, the USA flag has 50 stars and the Algerian flag has 1 star. All three flags were raised at the 2016 Rio Olympics medal ceremony for the men's 1500 m race.

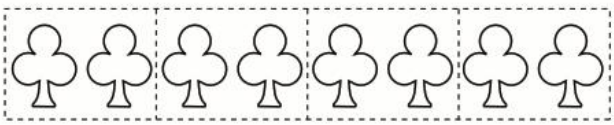
How many stars were on the raised flags altogether?

[Write the number sentence.]

$\square =$

9. [Fractions]

Colour three quarters of the clubs.



10. [Place Value]

Expand 528.

hundreds tens ones

11. [Word Numbers]

Write in numerals:

nine hundred and five $\square$

12. [Money]

How much money in total?

$ ____

13. [Number Patterns]

23 , 20 , 17 , 14 , 11 , ____ , ____

14. [Time]

Which day is the first day of the weekend? ____

15. [Measuring]

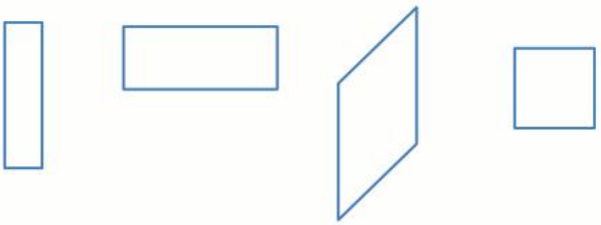
Which object does **not** weigh about 1 kilogram?

A) swag
B) pillow
C) sheet

____

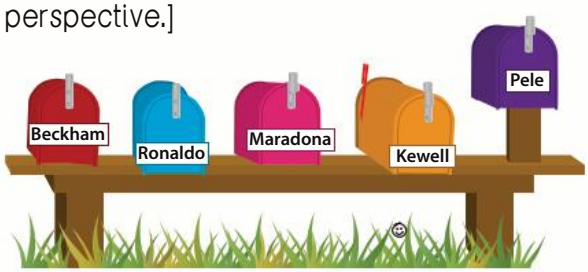
16. [Shapes]

Circle the shape that does **not** belong.



17. [Location]

Which letterbox is directly to the right of Maradona? [As seen from your perspective.]



____

18. [Statistics / Probability]

How long is a cow's tongue?

Length of tongue

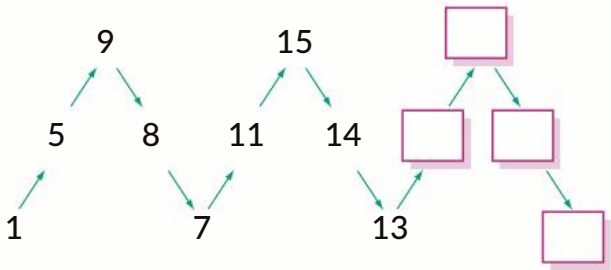
Human	
Salamander	
Dog	
Cow	
Snake	
Horse	

each = 5 cm

____ cm

19. [Problem Solving 1] *

Fill in the missing numbers.

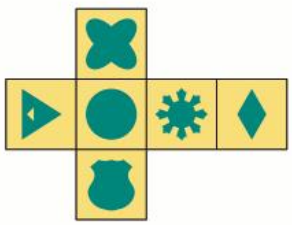


20. [Problem Solving 2] *

The pelicans and rabbits at the zoo have a total of 24 eyes and 44 legs. How many rabbits are at the zoo? ____

21. [Problem Solving 3]

Zac made a cube using this net.



Which cube is Zac's?

A) 
B) 
C) 

____

MATHS MATE

Term 1 - Sheet 7

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

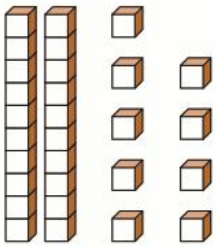
1. [Counting]

Count by 4s.

4	8				

2. [Addition / Subtraction]

Complete the subtraction.



29 – 19 = ☐

3. [Multiplication / Division]

36 – 9 – 9 – 9 – 9 = 0

36 ÷ 9 = ☐

4. [+ Whole Numbers]

	29	0	14	37	2
+ 3					

5. [– Whole Numbers]

	10	13	16	31	27
– 8					

6. [× Whole Numbers]

	5	7	1	8	0
× 7					

7. [÷ Whole Numbers]

42 ÷ 6 = ☐

8. [Word Problems]

There are 60 minutes in an hour. How many minutes in a 4-hour TV mini-series?

[Write the number sentence.]

= min

9. [Fractions]

Write a fraction for the shaded part of the group.

☐ / ☐

10. [Place Value]

Expand 496 by filling in the place value table.

Hundreds	Tens	Ones

11. [Word Numbers]

Write in numerals:

six hundred and eighty ☐

12. [Money]

How much money in total?




$

13. [Number Patterns]

33 , 28 , 23 , 18 , 13 , __ , __

14. [Time]

My birthday is on the 8/10/1996.
In which month was I born?

15. [Measuring]

What is the total volume of an egg?

egg yolk = 22 mL
egg white = 30 mL

mL

16. [Shapes]

Circle the shape that does **not** belong.

17. [Location]

Who has the stocking in the middle?

18. [Statistics / Probability]

Which city has 12 lines in their train system?

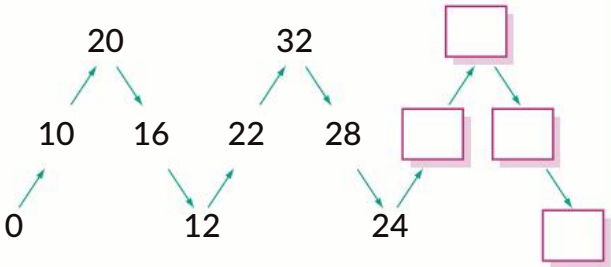
Train systems - Number of Lines

Beijing - Metro	
London - Underground	
Rome - Metro	
New York - Subway	

each = 3 lines

19. [Problem Solving 1] *

Fill in the missing numbers.

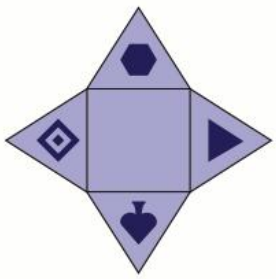


20. [Problem Solving 2] *

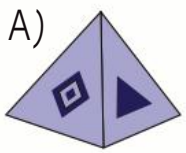
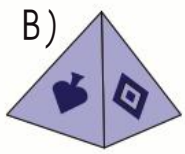
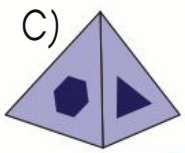
Rachel has 20 coins in her purse, only one-dollar and two-dollar coins. If she has a total of $28, how many two-dollar coins does she have?

21. [Problem Solving 3]

Di made a pyramid using this net.



Which pyramid is Di's?

A) 
B) 
C) 

MATHS MATE

Term 1 - Sheet 8

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

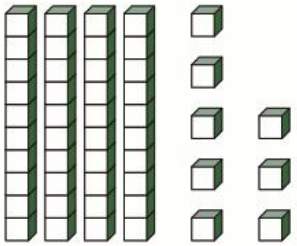
1. [Counting]

Count by 9s.

9	18				

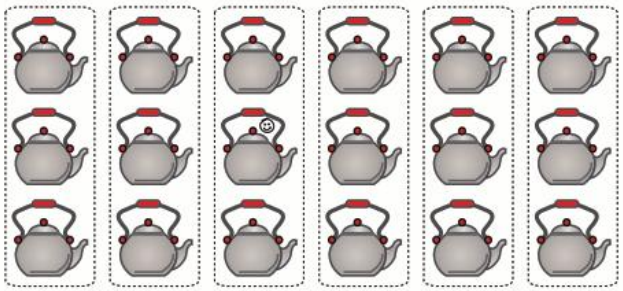
2. [Addition / Subtraction]

Complete the subtraction.



48 – 25 = ☐

3. [Multiplication / Division]



18 – 3 – 3 – 3 – 3 – 3 – 3 = 0

18 ÷ 3 = ☐

4. [+ Whole Numbers]

	19	13	37	6	15
+ 5					

5. [– Whole Numbers]

	27	12	10	8	33
– 4					

6. [× Whole Numbers]

	3	0	7	4	9
× 9					

7. [÷ Whole Numbers]

81 ÷ 9 = ☐

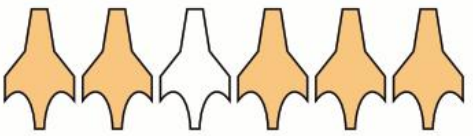
8. [Word Problems]

There are 24 contestants in the battle phase of 'The Voice' music contest. They are equally divided into 4 teams. How many contestants does each team have? [Write the number sentence.]

☐ =

9. [Fractions]

Write a fraction for the shaded part of the group.



☐/☐

10. [Place Value]

Expand 2317 by filling in the place value table.

Thousands	Hundreds	Tens	Ones

11. [Word Numbers]

Write in numerals:

eight hundred and twenty-seven ☐

12. [Money]

How much money in total?

$ ____

13. [Number Patterns]

110 , 100 , 90 , 80 , ____ , ____

14. [Time]

It is April in Auckland. Which season is it? ____

15. [Measuring]

What is the total weight of a stack of 20 newspapers?

newspaper = 120 grams

____ g

16. [Shapes]

Circle the shape that does **not** belong.

17. [Location]

Looking at the candelabra, draw a flame on the candle furthest to the right.

18. [Statistics / Probability]

How many teeth does a human child have?

Number of teeth

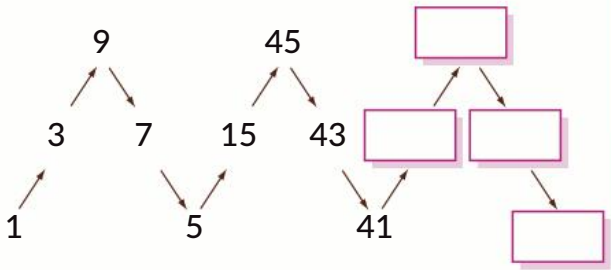
Rabbit	
Foal	
Human (Child)	
Human (Adult)	

each = 4 teeth

____

19. [Problem Solving 1] *

Fill in the missing numbers.

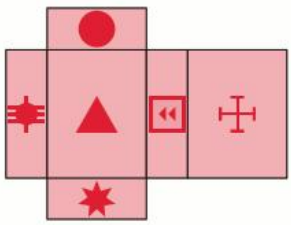


20. [Problem Solving 2] *

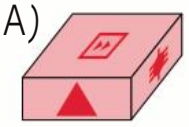
Octopuses, fish and mermaids featured in the school play. Altogether there were 24 eyes, 8 tails and 38 arms. How many mermaids were in the play? ____

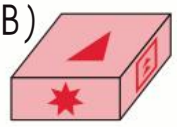
21. [Problem Solving 3]

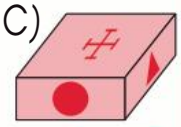
Lin made a prism using this net.



Which prism is Lin's?

A) 

B) 

C) 

____

MATHS MATE

Name: .....

Class: .....

Teacher: .....

Worksheet Results

Term 2

		Sheet 1	Sheet 2	Sheet 3	Sheet 4	Skill Builder links	Sheet 5	Sheet 6	Sheet 7	Sheet 8	Skill Builder links
NUMBER & ALGEBRA	1. [Counting]	1	1	1	1	1.5,7	1	1	1	1	1.6
	2. [Addition / Subtraction]	2	2	2	2	2.6,13	2	2	2	2	2.14
	3. [Multiplication / Division]	3	3	3	3	3.5,6	3	3	3	3	3.7,14
	4. [+ Whole Numbers]	4	4	4	4	4.7	4	4	4	4	4.9
	5. [– Whole Numbers]	5	5	5	5	5.7	5	5	5	5	5.8,9
	6. [× Whole Numbers]	6	6	6	6	6.2,3,5	6	6	6	6	6.7
	7. [÷ Whole Numbers]	7	7	7	7	7.3	7	7	7	7	7.3
	8. [Word Problems]	8	8	8	8	8.1,2,3,4	8	8	8	8	8.1,2,3,4
	9. [Fractions]	9	9	9	9	9.11	9	9	9	9	9.12,13
	10. [Place Value]	10	10	10	10	10.4,5	10	10	10	10	10.6,7
	11. [Word Numbers]	11	11	11	11	11.3	11	11	11	11	11.1
	12. [Money]	12	12	12	12	12.4	12	12	12	12	12.5
	13. [Number Patterns]	13	13	13	13	13.1	13	13	13	13	13.2
MEASUREMENT & SPACE	14. [Time]	14	14	14	14	14.4,5	14	14	14	14	14.6
	15. [Measuring]	15	15	15	15	15.10	15	15	15	15	15.6,7
	16. [Shapes]	16	16	16	16	16.4,5	16	16	16	16	16.3,6
	17. [Location]	17	17	17	17	17.4	17	17	17	17	17.5
S & P	18. [Statistics / Probability]	18	18	18	18	18.5	18	18	18	18	18.3
PROBLEM SOLVING	19. [Problem Solving 1]	19	19	19	19	Hints & Solutions	19	19	19	19	Hints & Solutions
	20. [Problem Solving 2]	20	20	20	20	Hints & Solutions	20	20	20	20	Hints & Solutions
	21. [Problem Solving 3]	21	21	21	21	Hints & Solutions	21	21	21	21	Hints & Solutions
	Total Correct										

MATHS MATE

Term 2 - Sheet 1

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Count backwards by 100s.

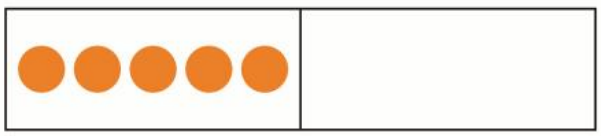
900				

2. [Addition / Subtraction]

$7 + 24 =$ ☐

3. [Multiplication / Division]

Double this number of circles by first drawing them.



$2 \times 5 =$ ☐

4. [+ Whole Numbers]

$18 + 24 =$ ☐

5. [– Whole Numbers]

$39 - 17 =$ ☐

6. [× Whole Numbers]

	5	2	8	6	7
× 3					

7. [÷ Whole Numbers]

	56	24	72	96	40
÷ 8					

8. [Word Problems]

Francis climbed the first 190 steps of the Leaning Tower of Pisa, rested, then climbed the remaining 103 steps. How many steps are there to the top of the Leaning Tower of Pisa?

[Write the number sentence.]

☐ =

9. [Fractions]

Elena has watched one third of the movie. What fraction of the movie remains to be viewed?

☐

10. [Place Value]

Write the number:

8 thousands + 9 hundreds + 1 ten + 7 ones = ☐

11. [Word Numbers]

Write the number 302 in words.

☐

12. [Money]

Circle the exact money needed to buy the cheeseburger.

13. [Number Patterns]

33 , 43 , 53 , 63 , 73 , ___ , ___

14. [Time]

Use 'to' or 'past' to complete the time.

A quarter ____ one.

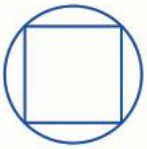
15. [Measuring]

A gold nugget was discovered in Ross, New Zealand in 1909 weighing nearly 3 kilograms. How many grams is this? [1 kg = 1000 g]

A) 30 B) 300
C) 3000 D) 3

16. [Shapes]

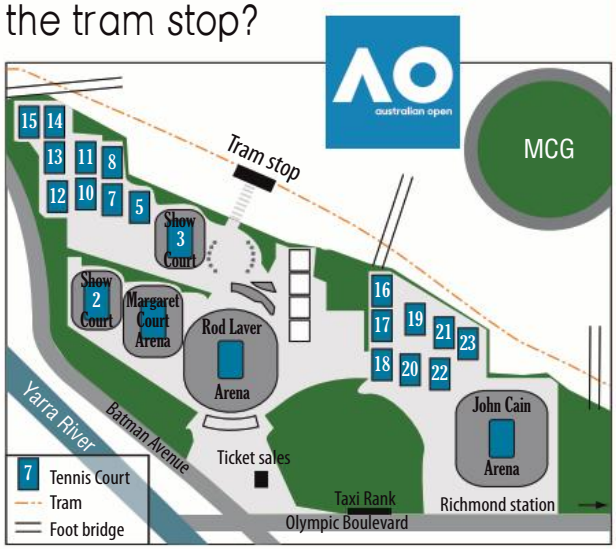
Name the two shapes used to make this figure.



and

17. [Location]

Which tennis court is closest to the tram stop?



18. [Statistics / Probability]

What is the chance ...

"Ella, who is 10, will be 23 next birthday."

A) possible
B) impossible

19. [Problem Solving 1]

6 groups of 5 is the same as 3 groups of ____

20. [Problem Solving 2] *

Complete the circles, so that the sum of any three consecutive digits is 10.

6 2 ○ ○ ○ ○ ○ ○ ○ 6

21. [Problem Solving 3] *

Jared has 16 marbles. He gives 4 marbles to his best friend. Then he and his sister share the rest equally. How many marbles does Jared get?

MATHS MATE

Term 2 - Sheet 2

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Count forwards by 1000s.

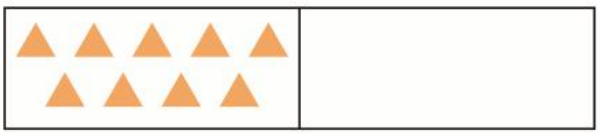
3000			

2. [Addition / Subtraction]

$45 + 9 =$ ☐

3. [Multiplication / Division]

Double this number of triangles by first drawing them.



☐ × ☐ = ☐

4. [+ Whole Numbers]

$36 + 27 =$ ☐

5. [– Whole Numbers]

$58 - 14 =$ ☐

6. [× Whole Numbers]

	4	1	9	3	8
× 6					

7. [÷ Whole Numbers]

	36	15	27	30	21
÷ 3					

8. [Word Problems]

There are 4 netball teams left in the finals. If each team has 7 players on the court, how many players are left in the finals?

[Write the number sentence.]

☐ =

9. [Fractions]

One quarter of the lawn has been mown. What fraction of the lawn has not been mown? ☐

10. [Place Value]

Write the number:

2 thousands + 5 hundreds + 4 tens + 8 ones = ☐

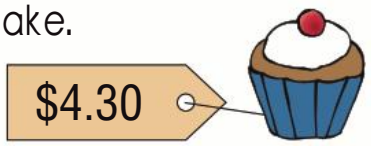
11. [Word Numbers]

Write the number 740 in words.

☐

12. [Money]

Circle the exact money needed to buy the cupcake.



13. [Number Patterns]

34 , 38 , 42 , 46 , 50 , __ , __

14. [Time]

Use 'to' or 'past' to complete the time.

Ten ____ two.

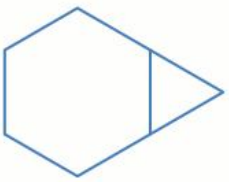
15. [Measuring]

A tiger snake can be 2 metres long. How many centimetres is this? [100 cm = 1 metre]

A) 20 B) 100
C) 200 D) 2000

16. [Shapes]

Name the two shapes used to make this figure.

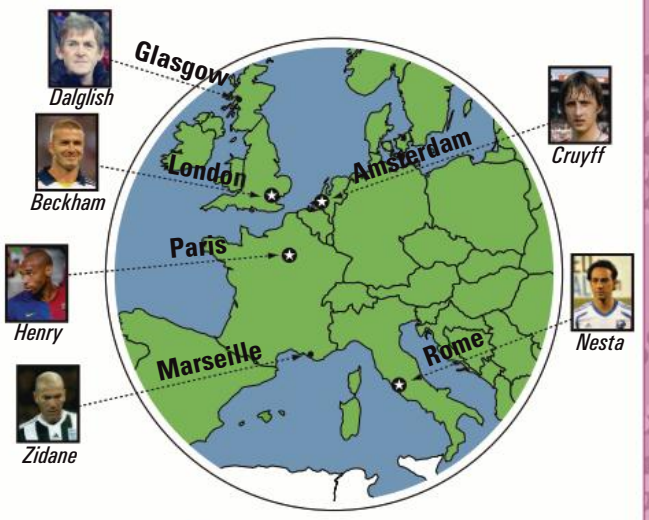


____ and ____

17. [Location]

Which player was born in a city located between Amsterdam and Marseille?

Birthplace of Famous European Soccer Players



18. [Statistics / Probability]

What is the chance ...

"There will be a lunch break at school tomorrow."

A) certain
B) uncertain

19. [Problem Solving 1]

14 + 18 is the same as 16 + ____

20. [Problem Solving 2] *

Complete the circles, so that the sum of any three consecutive digits is 10.

21. [Problem Solving 3] *

Jude bought two dozen eggs. He tripped and smashed 10 of them. How many eggs are left?

MATHS MATE

Term 2 - Sheet 3

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Count on by 6s from 18.

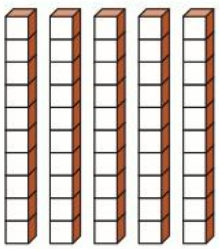
18					

2. [Addition / Subtraction]

$36 - 8 =$ ☐

3. [Multiplication / Division]

Complete the multiplication.



$5 \times 10 =$ ☐

4. [+ Whole Numbers]

$53 + 48 =$ ☐

5. [– Whole Numbers]

$86 - 23 =$ ☐

6. [× Whole Numbers]

	7	5	2	6	9
× 7					

7. [÷ Whole Numbers]

	20	8	28	36	48
÷ 4					

8. [Word Problems]

The average male lion weighs around 180 kilograms, while the average female lion weighs 50 kilograms less. How much does a female lion weigh?

[Write the number sentence.]

= kg

9. [Fractions]

Dallin has eaten three eighths of the pizza. What fraction of the pizza remains?

–

10. [Place Value]

Write the value of each digit.

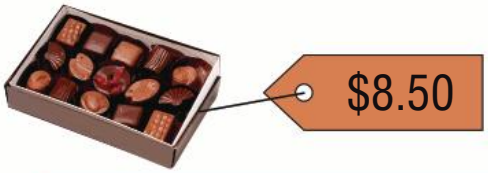
$236 = 200 +$ ☐ $+$ ☐

11. [Word Numbers]

Write the number 916 in words.

12. [Money]

Circle the exact money needed to buy the box of chocolates.



13. [Number Patterns]

27 , 33 , 39 , 45 , 51 , __ , __

14. [Time]

Draw hands on the clock to show twenty-five to nine.

15. [Measuring]

The fish tank holds 9000 mL of water. How many 1 litre jugs of water are needed to fill the tank?

[1000 mL = 1 litre]

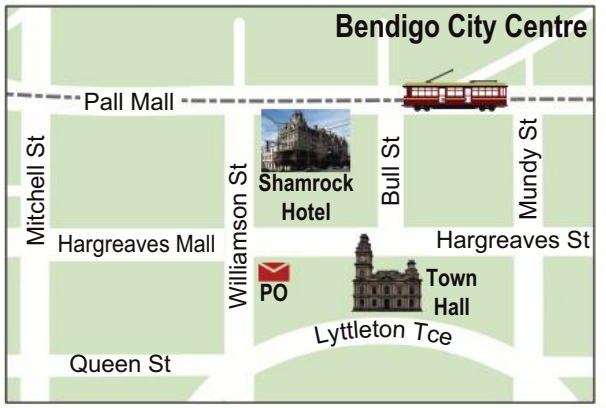
A) 9 B) 90
C) 900 D) 9000

16. [Shapes]

Sketch a kite.

17. [Location]

Which building is on the corner of Pall Mall and Williamson St?



18. [Statistics / Probability]

What is the chance ...

"A person will ride a bike backwards around the world."

A) likely
B) unlikely

19. [Problem Solving 1]

4 groups of 6 is the same as 3 groups of

20. [Problem Solving 2] *

Complete the circles, so that the sum of any three consecutive digits is 10.

1 ○ ○ ○ ○ ○ ○ ○ 6 ○

21. [Problem Solving 3] *

Nimrod found an old plank on the beach. He cut off 14 cm where the plank was rotten. Then he cut the remaining plank into 3 equal pieces. Each piece is now 15 cm long. How long was the plank he found on the beach?

cm

MATHS MATE

Term 2 - Sheet 4

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Count on by 8s from 24.

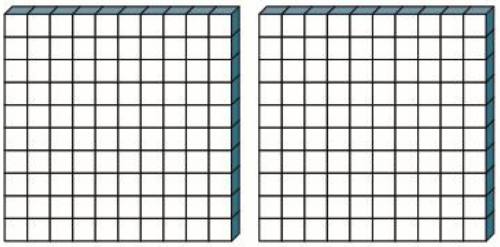
24					

2. [Addition / Subtraction]

$42 - 5 =$ ☐

3. [Multiplication / Division]

Complete the multiplication.



$2 \times 100 =$ ☐

4. [+ Whole Numbers]

$76 + 39 =$ ☐

5. [– Whole Numbers]

$79 - 32 =$ ☐

6. [× Whole Numbers]

	2	4	5	8	3
× 4					

7. [÷ Whole Numbers]

	42	21	63	56	77
÷ 7					

8. [Word Problems]

Every four years, the extra number of hours that add up to the standard length of a year is 24. How many extra hours are added to the standard length of each year?

[Write the number sentence.]

= h

9. [Fractions]

Fabio has run five eighths of the race. What fraction of the race remains?

–

10. [Place Value]

Write the value of each digit.

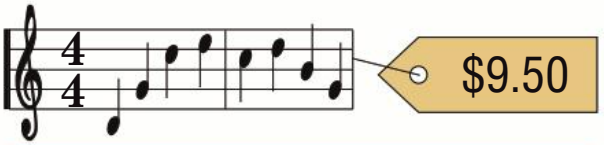
$1973 =$ + 900 + +

11. [Word Numbers]

Write the number 827 in words.

12. [Money]

Circle the exact money needed to buy the sheet music.



13. [Number Patterns]

2 , 10 , 18 , 26 , 34 , __ , __

14. [Time]

Draw hands on the clock to show twenty past eight.

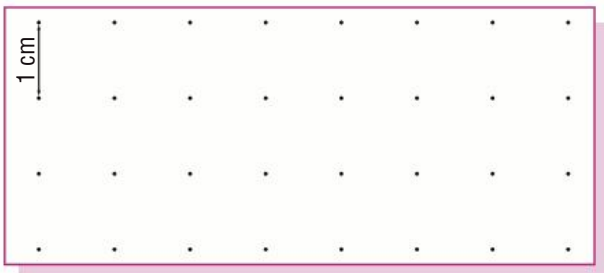
15. [Measuring]

A smart phone is 150 millimetres long. How many centimetres is this? [1 cm = 10 millimetres]

A) 5 B) 15
C) 150 D) 1500

16. [Shapes]

Draw a rectangle with a side length of 6 cm and a width of 3 cm on the grid.



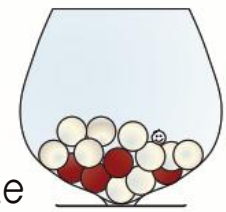
17. [Location]

Which city is to the east of Nanjing?

18. [Statistics / Probability]

White and red marbles are in a bowl. You choose a marble without looking. How likely is it that you will pick a red one?

A) certain
B) likely
C) unlikely
D) impossible



19. [Problem Solving 1]

19 + 22 is the same as 20 +

20. [Problem Solving 2] *

Complete the circles, so that the sum of any three consecutive digits is 10.

21. [Problem Solving 3] *

The farmer has 3 paddocks. Each paddock has 40 cows. The farmer sold 50 cows. How many cows are left?

MATHS MATE

Term 2 - Sheet 5

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

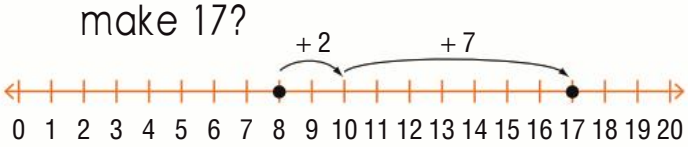
1. [Counting]

Complete the skip counting pattern.

9 12 ☐ 18 ☐ ☐ 27

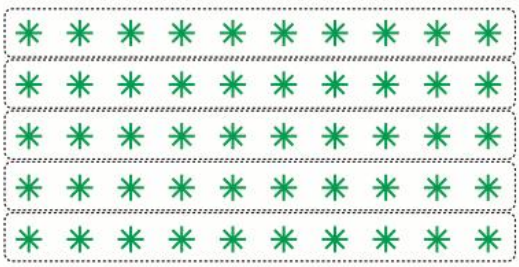
2. [Addition / Subtraction]

How much must be added to 8 to make 17?



$17 - 8 =$ ☐

3. [Multiplication / Division]



50 divided into groups of 10 =

$50 \div 10 =$ ☐

4. [+ Whole Numbers]

$$\begin{array}{r} 39 \\ +\ 36 \\ \hline \square \end{array}$$

5. [– Whole Numbers]

$$\begin{array}{r} 73 \\ -\ 22 \\ \hline \square \end{array}$$

6. [× Whole Numbers]

$4 \times 90 =$ ☐

7. [÷ Whole Numbers]

	9	30	12	6	27
÷3					

8. [Word Problems]

Both a human and a giraffe have 7 vertebrae (bones) in their necks. How many vertebrae are in the necks of 4 giraffes?

[Write the number sentence.]

☐ =

9. [Fractions]

Show with an arrow $1\frac{1}{4}$ on the number line.

10. [Place Value]

In the number 106 which of the digits 1, 0 or 6 lies in the hundreds place? ☐

11. [Word Numbers]

Write in numerals:

eight thousand and six ☐

12. [Money]

You have $16.20 Which two items can you afford to buy?

A)  $7.99

B)  $8.05

C)  $8.50

&

13. [Number Patterns]

32 , 28 , 24 , 20 , 16 , __ , __

14. [Time]

Which time is twelve minutes past seven?

A) 12:07 B) 7:12 C) 7:21

15. [Measuring]

Use a ruler to measure the length of the feather in centimetres.

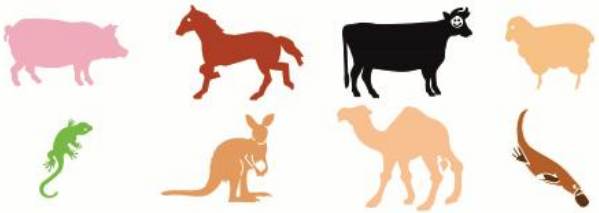
cm

16. [Shapes]

How many vertices does a kite have?

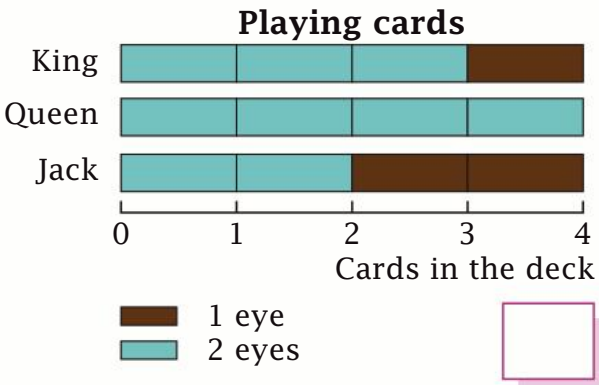
17. [Location]

Which animal is in the fourth column from the left and on the top row?



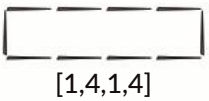
18. [Statistics / Probability]

In a deck of playing cards, how many Kings have 2 eyes?



19. [Problem Solving 1] *

Ten toothpicks can be used to make a rectangle in 2 ways, as shown below. How many different sized rectangles can be made using 14 toothpicks? [All toothpicks must be used each time.]


[1,4,1,4]


[2,3,2,3]

20. [Problem Solving 2]

What is the largest 4-digit number with digits that add to 25?

21. [Problem Solving 3] *

Four students swam in a race:

- Liam finished second
- Jason is behind Mia
- Jason is ahead of Kristin

Who came last in the race?

MATHS MATE

Term 2 - Sheet 6

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Complete the skip counting pattern.

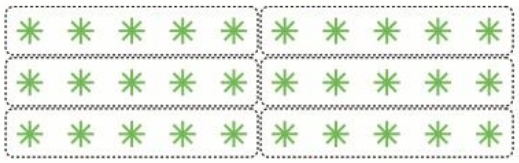
4 8 12 ☐ ☐ ☐ 28

2. [Addition / Subtraction]

How much must be added to 26 to make 34?

34 – 26 = ☐

3. [Multiplication / Division]



30 divided into groups of 5 =

☐ ÷ ☐ = ☐

4. [+ Whole Numbers]

$$\begin{array}{r} 34 \\ 37 \\ +\ 22 \\ \hline \square \end{array}$$

5. [– Whole Numbers]

$$\begin{array}{r} 58 \\ -\ 25 \\ \hline \square \end{array}$$

6. [× Whole Numbers]

60 × 5 = ☐

7. [÷ Whole Numbers]

	10	16	6	12	14
÷ 2	☐	☐	☐	☐	☐

8. [Word Problems]

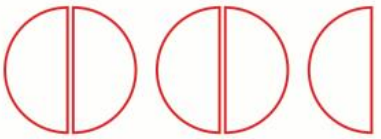
A giant tortoise typically lives for one century. A cat's life span is 4 times smaller. What is a cat's life span?

[Write the number sentence.]

☐ = ☐ years

9. [Fractions]

Write a mixed number to match this picture.



☐ ☐/☐

10. [Place Value]

In the number 7284 which of the digits 7, 2, 8 or 4 lies in the tens place? ☐

11. [Word Numbers]

Write in numerals:

nine thousand and fifty-eight

☐

12. [Money]

You have $80. Which two pairs of items can you afford to buy?

A)  B)  C) 

$35.70 $55.05 $43.95

&

13. [Number Patterns]

41 , 35 , 29 , 23 , 17 , __ , __

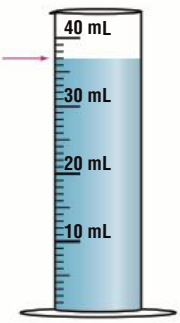
14. [Time]

Which time is shown on the watch?

A) 12:50
B) 10:05
C) 12:05

15. [Measuring]

What is the volume of the water?



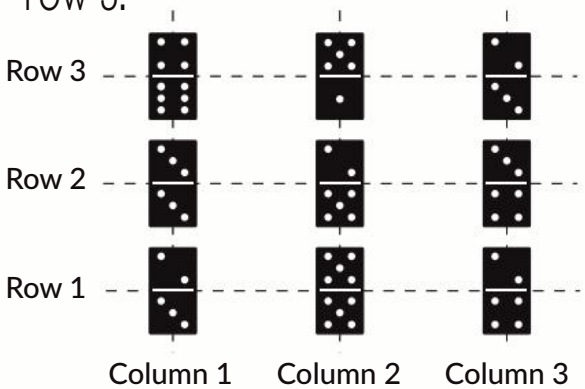
mL

16. [Shapes]

How many sides does a hexagon have?

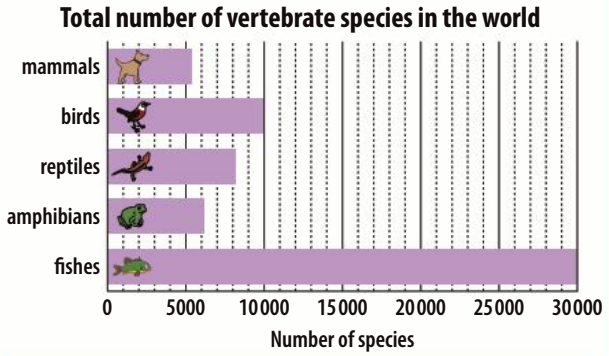
17. [Location]

Circle the domino which is the same as the one in column 3, row 3.



18. [Statistics / Probability]

Which group of vertebrates has 10000 species in the world?



19. [Problem Solving 1] *

Ten toothpicks can be used to make a rectangle in 2 ways, as shown below. How many different sized rectangles can be made using 26 toothpicks? [All toothpicks must be used each time.]


[1,4,1,4]


[2,3,2,3]

20. [Problem Solving 2]

What is the smallest 4-digit number with digits that add to 11?

21. [Problem Solving 3] *

- Con is older than Eve
- Eve is older than Bianca
- Daniel is older than Eve
- Andrea is younger than Con
- Andrea is older than Daniel

Who is the third oldest person?

MATHS MATE

Term 2 - Sheet 7

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

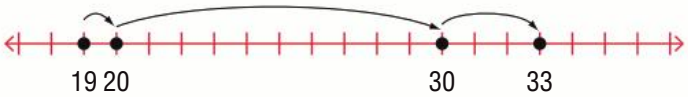
1. [Counting]

Complete the skip counting pattern.

20 30 ☐ 50 60 ☐ ☐ 90

2. [Addition / Subtraction]

Subtract by first building up from 19 to 20.



33 − 19 = ☐

3. [Multiplication / Division]

Complete the multiplication.

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

9 × 7 = ☐

4. [+ Whole Numbers]

$$\begin{array}{r} 455 \\ +\ 167 \\ \hline \square \end{array}$$

5. [− Whole Numbers]

$$\begin{array}{r} 32 \\ -\ 15 \\ \hline \square \end{array}$$

6. [× Whole Numbers]

80 × 6 = ☐

7. [÷ Whole Numbers]

	20	15	45	30	50
÷ 5					

8. [Word Problems]

In the 2016 Rio Olympics, 65 Olympic records and 19 world records were set. How much bigger was the Olympic record tally than the world record tally? [Write the number sentence.]

☐ =

9. [Fractions]

Write a mixed number to match this picture.

☐

10. [Place Value]

In which number does the digit 9 have lesser value?

A) 1249 B) 193 ☐

11. [Word Numbers]

Write in standard form:

one thousand three hundred and twenty-seven ☐

12. [Money]

You have $70. Which two items can you afford to buy?

A) 

B) 

C) 

$39.99	$34.99	$33.00

&

13. [Number Patterns]

56 , 48 , 40 , 32 , 24 , __ , __

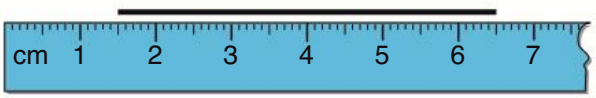
14. [Time]

Which time is a quarter to four?

A) 4:15
B) 4:45
C) 3:45

15. [Measuring]

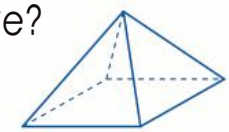
What is the length of the line?



cm

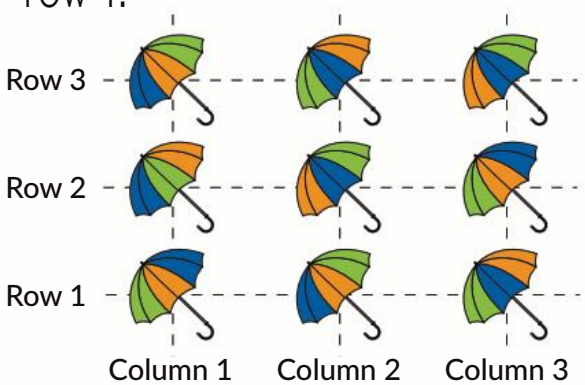
16. [Shapes]

How many edges does a square pyramid have?



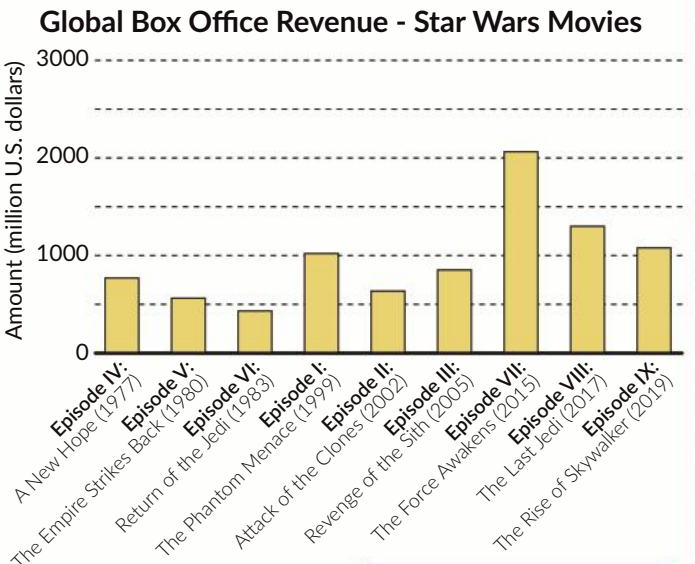
17. [Location]

Circle the umbrella which is the same as the one in column 3, row 1.



18. [Statistics / Probability]

Which 'Star Wars' episode raised closest to 1 billion dollars?



Episode

19. [Problem Solving 1] *

Ten toothpicks can be used to make a rectangle in 2 ways, as shown below. How many different sized rectangles can be made using 30 toothpicks? [All toothpicks must be used each time.]


[1,4,1,4]


[2,3,2,3]

20. [Problem Solving 2]

What is the largest, odd 4-digit number with digits that add to 22?

21. [Problem Solving 3] *

Four horses ran in a race:

- Bart finished third
- Dee finished ahead of Bart and Caper
- Air finished ahead of Caper
- Air finished behind Dee

Which horse won the race?

MATHS MATE

Term 2 - Sheet 8

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

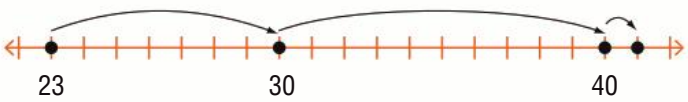
1. [Counting]

Complete the skip counting pattern.

21 28 35 ☐ ☐ 56 ☐ 70

2. [Addition / Subtraction]

Subtract by first building up from 23 to 41.



41 − 23 = ☐

3. [Multiplication / Division]

Complete the multiplication.

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

6 × 8 = ☐

4. [+ Whole Numbers]

$$\begin{array}{r} 664 \\ +\ 139 \\ \hline \square \end{array}$$

5. [− Whole Numbers]

$$\begin{array}{r} 46 \\ -\ 28 \\ \hline \square \end{array}$$

6. [× Whole Numbers]

7 × 90 = ☐

7. [÷ Whole Numbers]

	21	42	35	56	63
÷ 7	☐	☐	☐	☐	☐

8. [Word Problems]

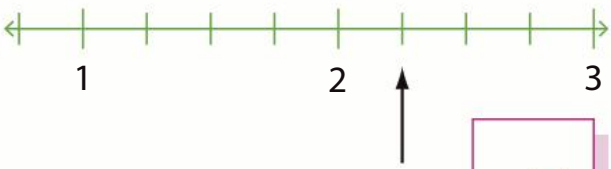
During World War I New Zealand suffered 18 052 military deaths, compared to 11 900 deaths in World War II. How many military deaths did New Zealand suffer in total in both world wars?

[Write the number sentence.]

☐ =

9. [Fractions]

What mixed number is shown by the arrow on the number line?



☐ ☐/☐

10. [Place Value]

In which number does the digit 8 have greater value?

A) 3874 B) 5681 ☐

11. [Word Numbers]

Write in standard form:

seven thousand two hundred ☐

12. [Money]

You have $1600. Which two items can you afford to buy?

A)  $950

B)  $780

C)  $740

&

13. [Number Patterns]

43 , 36 , 29 , 22 , 15 , __ , __

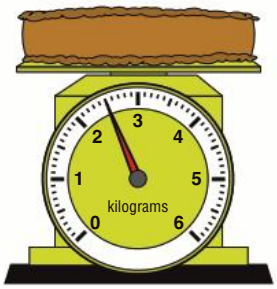
14. [Time]

Which time is shown on the clock?

A) 6:40
B) 8:25
C) 7:40

15. [Measuring]

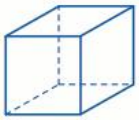
What is the weight of the cake in kilograms?



kg

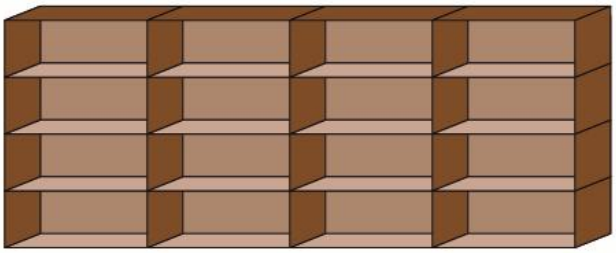
16. [Shapes]

How many faces does a square prism have?



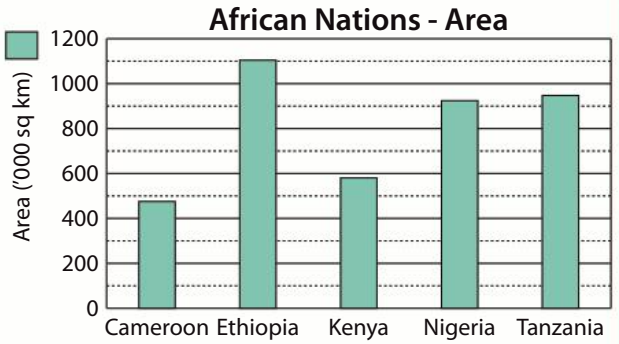
17. [Location]

Draw a lollipop on the shelf in the 4th column from the left, 3rd row from the top.



18. [Statistics / Probability]

Which African nation has an area closest to 500 000 square kilometres less than Ethiopia?



19. [Problem Solving 1] *

Ten toothpicks can be used to make a rectangle in 2 ways, as shown below. How many different sized rectangles can be made using 34 toothpicks? [All toothpicks must be used each time.]


[1,4,1,4]


[2,3,2,3]

20. [Problem Solving 2]

What is the smallest, odd 4-digit number with digits that add to 18?

21. [Problem Solving 3] *

- Bree is older than Elie
- Bree is younger than Chris
- Abdul is younger than Bree
- Di is younger than Abdul
- Di is older than Elie

Who is the second oldest person?

MATHS MATE

Name: .....

Class: .....

Teacher: .....

Worksheet Results

Term 3

		Sheet 1	Sheet 2	Sheet 3	Sheet 4	Skill Builder links	Sheet 5	Sheet 6	Sheet 7	Sheet 8	Skill Builder links
NUMBER & ALGEBRA	1. [Counting]	1	1	1	1	1.8	1	1	1	1	1.9
	2. [Addition / Subtraction]	2	2	2	2	2.7,12	2	2	2	2	2.8,15
	3. [Multiplication / Division]	3	3	3	3	3.3,15	3	3	3	3	3.8,9
	4. [+ Whole Numbers]	4	4	4	4	4.2,3,4,5,6	4	4	4	4	4.10
	5. [– Whole Numbers]	5	5	5	5	5.9	5	5	5	5	5.2,3,4,5,6
	6. [× Whole Numbers]	6	6	6	6	6.8	6	6	6	6	6.9
	7. [÷ Whole Numbers]	7	7	7	7	7.3	7	7	7	7	7.4
	8. [Word Problems]	8	8	8	8	8.1,2,3,4	8	8	8	8	8.1,2,3,4
	9. [Fractions]	9	9	9	9	9.9	9	9	9	9	9.10,14
	10. [Place Value]	10	10	10	10	10.8	10	10	10	10	10.9
	11. [Word Numbers]	11	11	11	11	11.4	11	11	11	11	11.1
	12. [Money]	12	12	12	12	12.6	12	12	12	12	12.7
	13. [Number Patterns]	13	13	13	13	13.3	13	13	13	13	13.4
MEASUREMENT & SPACE	14. [Time]	14	14	14	14	14.6	14	14	14	14	14.7
	15. [Measuring]	15	15	15	15	15.8,12	15	15	15	15	15.9,13
	16. [Shapes]	16	16	16	16	16.7	16	16	16	16	16.10
	17. [Location]	17	17	17	17	17.6	17	17	17	17	17.7,8
S & P	18. [Statistics / Probability]	18	18	18	18	18.11	18	18	18	18	18.9
PROBLEM SOLVING	19. [Problem Solving 1]	19	19	19	19	Hints & Solutions	19	19	19	19	Hints & Solutions
	20. [Problem Solving 2]	20	20	20	20	Hints & Solutions	20	20	20	20	Hints & Solutions
	21. [Problem Solving 3]	21	21	21	21	Hints & Solutions	21	21	21	21	Hints & Solutions
	Total Correct										

MATHS MATE

Term 3 - Sheet 1

Name: .....

Due Date: ...../...../.....

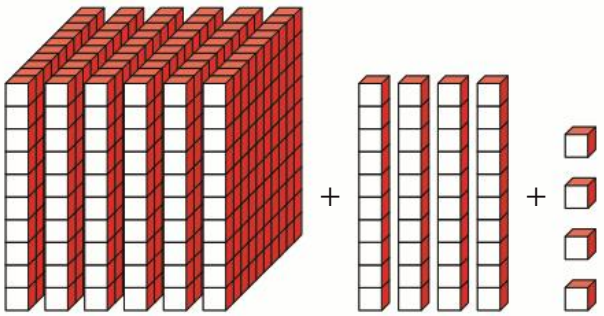
Parent's Signature: .....

1. [Counting]

Redraw the shape with an odd number of sides.

2. [Addition / Subtraction]

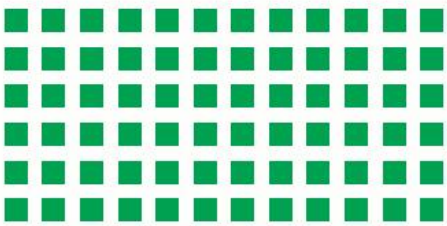
Complete the addition.



□ + □ + □ = □

3. [Multiplication / Division]

Complete the multiplication.



□ × 12 = □

4. [+ Whole Numbers]

	2	17	18	14	9
+ 4					

5. [– Whole Numbers]

$$\begin{array}{r} 728 \\ -\ 63 \\ \hline \square \end{array}$$

6. [× Whole Numbers]

$$\begin{array}{r} 8 \\ \times\ 8 \\ \hline \square \end{array}$$

7. [÷ Whole Numbers]

	30	100	40	20	90
÷ 10					

8. [Word Problems]

It takes Ishmael about 7 minutes to fall asleep every night. How long would Ishmael spend each week falling asleep?

[Write the number sentence.]

□ = □ min

9. [Fractions]

Complete the equivalent fractions.

$\frac{3}{4} = \frac{\square}{12}$

10. [Place Value]

5106 = 5160

True or false? □

11. [Word Numbers]

Write the number 9100 in words.

12. [Money]

How many 10¢ coins make $1.30?

13. [Number Patterns]

4 , 5 , 7 , 8 , 10 , __ , __

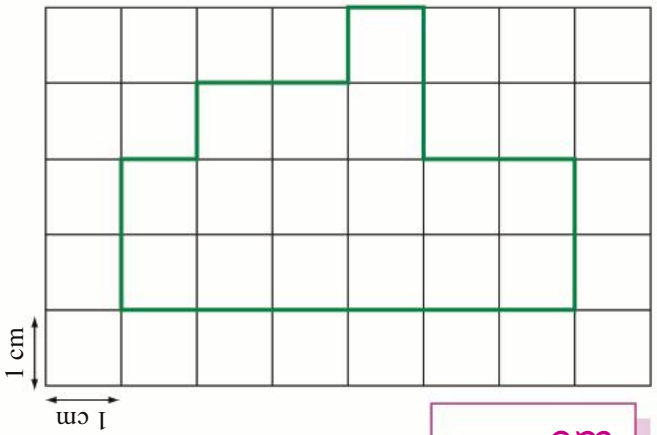
14. [Time]

Write the time 'seven minutes past ten in the morning' in digital form.

:

15. [Measuring]

What is the perimeter of this polygon?



cm

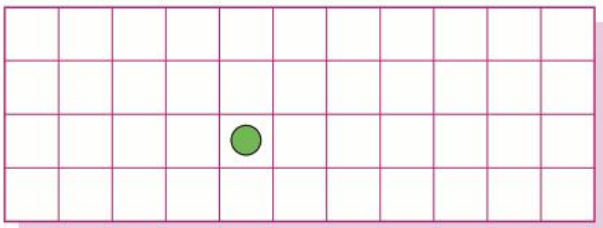
16. [Shapes]

Draw the line of symmetry.

17. [Location]

Draw the path of the counter by moving it:

3 left, 1 up, 4 right, 2 down, 1 right



18. [Statistics / Probability]

Which location has 10 daylight hours in June?

Daylight hours in June - (average)

England	
Thailand	
Australia	
Equator	

each ☀ = 2 hours | each ☀ = 1 hour

19. [Problem Solving 1]

Draw the picture that comes next in the pattern.

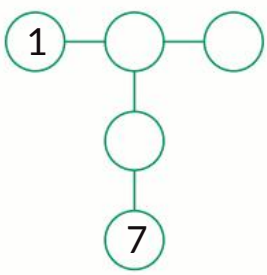
20. [Problem Solving 2]

Fill in the puzzle so that each 2 × 2 box, each row and each column contain all the numbers from 1 to 4.

1			
	4	1	
		2	3
		4	1

21. [Problem Solving 3] *

Place the numbers 3, 5 and 9 in the circles, so that the sum on each line is the same.



MATHS MATE

Term 3 - Sheet 2

Name: .....

Due Date: ...../...../.....

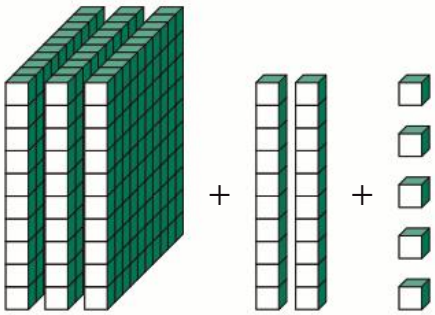
Parent's Signature: .....

1. [Counting]

Is the sum of 12 and 24 an odd or an even number?

2. [Addition / Subtraction]

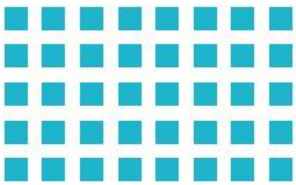
Complete the addition.



□ + □ + □ = □

3. [Multiplication / Division]

Complete the multiplication.



5 × □ = □

4. [+ Whole Numbers]

	13	8	17	6	10
+ 5					

5. [– Whole Numbers]

$$\begin{array}{r} 406 \\ -\ 255 \\ \hline \square \end{array}$$

6. [× Whole Numbers]

$$\begin{array}{r} 6 \\ \times\ 9 \\ \hline \square \end{array}$$

7. [÷ Whole Numbers]

	24	72	8	56	80
÷ 8					

8. [Word Problems]

Maia read 145 pages of 'Tom Sawyer' and had 75 pages still to read. How many pages are there altogether in 'Tom Sawyer'?

[Write the number sentence.]

□ =

9. [Fractions]

Complete the equivalent fractions.

$\frac{4}{5} = \frac{\square}{10}$

10. [Place Value]

6327 < 6372

True or false?

11. [Word Numbers]

Write the number 3080 in words.

12. [Money]

How many 20¢ coins make $10.00?

13. [Number Patterns]

2 , 5 , 6 , 9 , 10 , __ , __

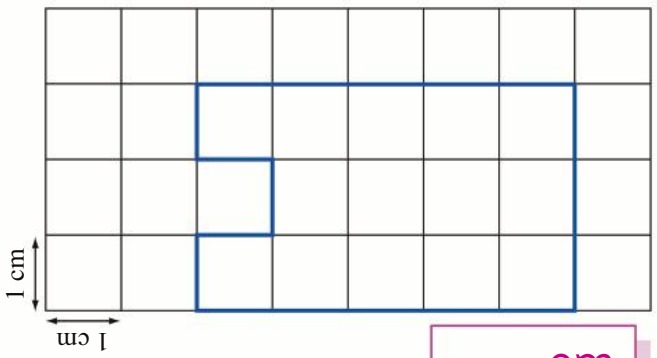
14. [Time]

Write the time 'a quarter to ten in the morning' in digital form.

:

15. [Measuring]

What is the perimeter of this polygon?



cm

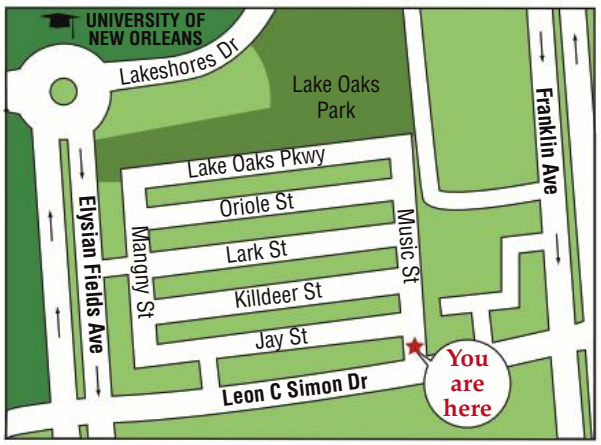
16. [Shapes]

Draw the lines of symmetry.

17. [Location]

You walk along Music St to Lake Oaks Park. What is the third street on your left?

New Orleans



18. [Statistics / Probability]

How many wheels on the school bus?

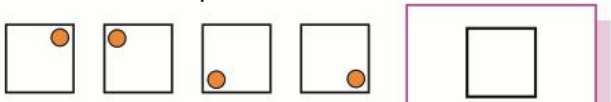
Wheels on a Bus

tour bus	mini bus	school bus

Each = 4 wheels Each = 2 wheels

19. [Problem Solving 1]

Complete the picture that comes next in the pattern.



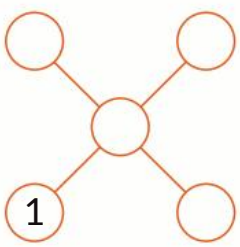
20. [Problem Solving 2]

Fill in the puzzle so that each 2 × 2 box, each row and each column contain all the numbers from 1 to 4.

			1
2			4
	3		
1		4	

21. [Problem Solving 3] *

Place the numbers 2, 3, 4 and 5 in the circles, so that the sum on each line is the same.



MATHS MATE

Term 3 - Sheet 3

Name: .....

Due Date: ...../...../.....

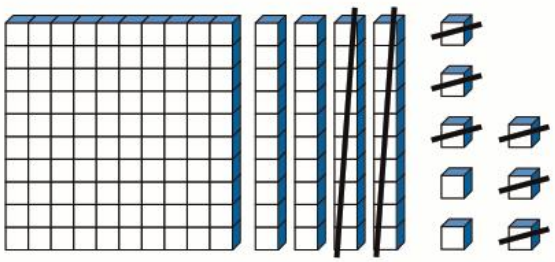
Parent's Signature: .....

1. [Counting]

Is the sum of 25 and 44 an odd or an even number?

2. [Addition / Subtraction]

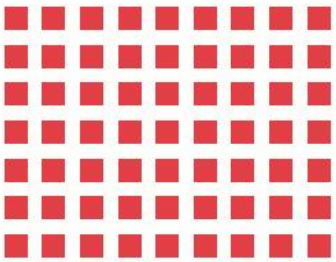
Complete the subtraction.



	–		=	
All blocks		Crossed out blocks		Remaining blocks

3. [Multiplication / Division]

Circle to complete the division.



63 ÷ 7 = ☐

4. [+ Whole Numbers]

	15	12	8	17	13
+ 9					

5. [– Whole Numbers]

$$\begin{array}{r} 813 \\ -\ 582 \\ \hline \square \end{array}$$

6. [× Whole Numbers]

$$\begin{array}{r} 5 \\ \times\ 8 \\ \hline \square \end{array}$$

7. [÷ Whole Numbers]

	18	45	72	36	90
÷ 9					

8. [Word Problems]

By law, the minimum paid annual leave in New Zealand is 20 days. The minimim paid annual leave in Canada is half that. How many days is the minimum paid annual leave in Canada?

[Write the number sentence.]

= days

9. [Fractions]

Complete the equivalent fractions.

$\frac{4}{20} = \frac{\square}{5}$

10. [Place Value]

Use <, = or > to make this true.

1900 ☐ 998

11. [Word Numbers]

Write the number 1406 in words.

12. [Money]

How many 20¢ coins make $2.40?

13. [Number Patterns]

3 , 5 , 9 , 11 , 15 , __ , __

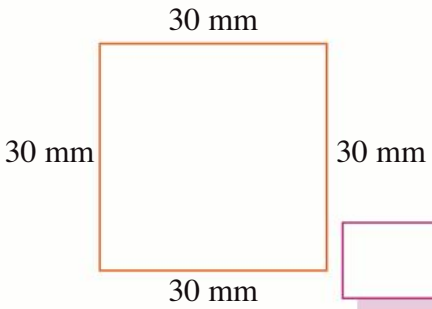
14. [Time]

Write the time 'twenty-six minutes to eight in the morning' in digital form.

:

15. [Measuring]

Find the perimeter of the square.



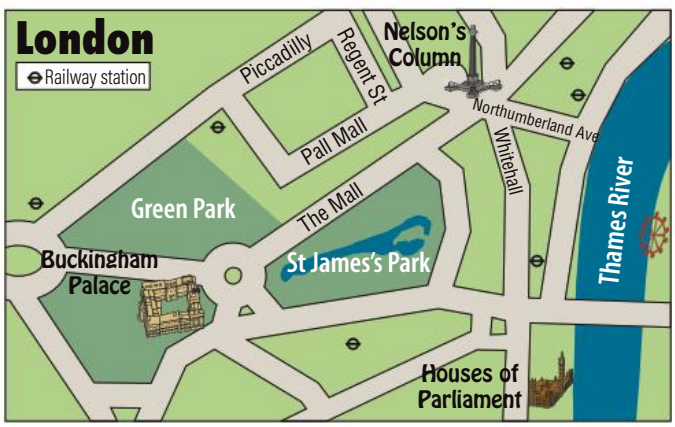
mm

16. [Shapes]

Draw the lines of symmetry.

17. [Location]

From Buckingham Palace walk on The Mall towards Nelson's Column. Which park is on your right?



18. [Statistics / Probability]

How many British athletes aged between 30 and 39 years of age won gold at the 2016 Rio Olympics?

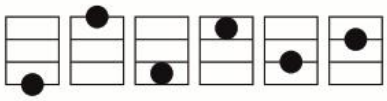
2016 Rio Olympics Gold Medalists (Great Britain)

Age group (years)	
0 - 19	
20 - 29	
30 - 39	
40+	

Each = 2 medals | Each = 1 medal

19. [Problem Solving 1]

Complete the picture that comes next in the pattern.



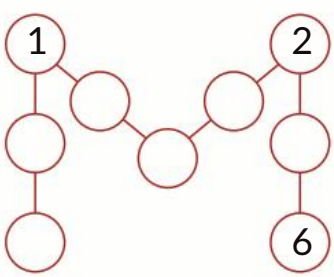
20. [Problem Solving 2]

Fill in the puzzle so that each 2 × 2 box, each row and each column contain all the numbers from 1 to 4.

3			
	4		
2			
		2	1

21. [Problem Solving 3] *

Place the numbers 3, 4, 5, 7, 8 and 9 in the circles, so that the sum on each of the four lines is 13.



MATHS MATE

Term 3 - Sheet 4

Name: .....

Due Date: ...../...../.....

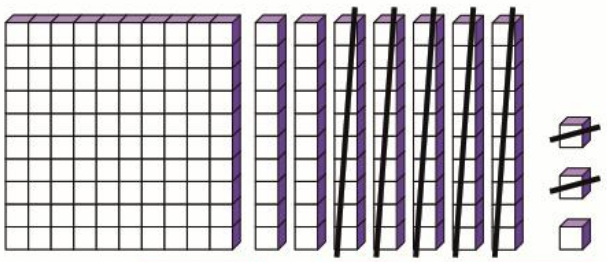
Parent's Signature: .....

1. [Counting]

Redraw the shape with an even number of sides.

2. [Addition / Subtraction]

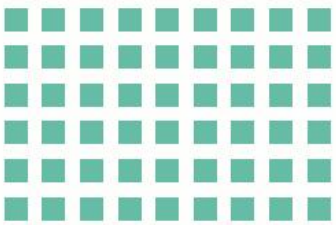
Complete the subtraction.



$\square - \square = \square$

3. [Multiplication / Division]

Circle to complete the division.



$54 \div 9 = \square$

4. [+ Whole Numbers]

	7	15	8	12	9
+ 6					

5. [– Whole Numbers]

$$\begin{array}{r} 764 \\ -\ 357 \\ \hline \square \end{array}$$

6. [× Whole Numbers]

$$\begin{array}{r} 8 \\ \times\ 4 \\ \hline \square \end{array}$$

7. [÷ Whole Numbers]

	12	36	54	24	42
÷ 6					

8. [Word Problems]

As of 2019 there are just 3900 tigers and 1800 pandas in the world. How many more tigers are left than pandas?

[Write the number sentence.]

$\square =$

9. [Fractions]

Complete the equivalent fractions.

$\frac{10}{15} = \frac{\square}{3}$

10. [Place Value]

Use <, = or > to make this true.

21 540 $\square$ 21 850

11. [Word Numbers]

Write the number 4058 in words.

12. [Money]

How many 50¢ coins make $4.50?

13. [Number Patterns]

2 , 5 , 10 , 13 , 18 , __ , __

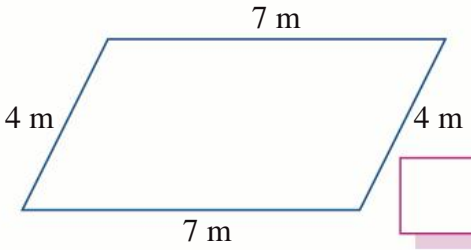
14. [Time]

2:45 am means a quarter to two.

True or false?

15. [Measuring]

Find the perimeter of the parallelogram.



m

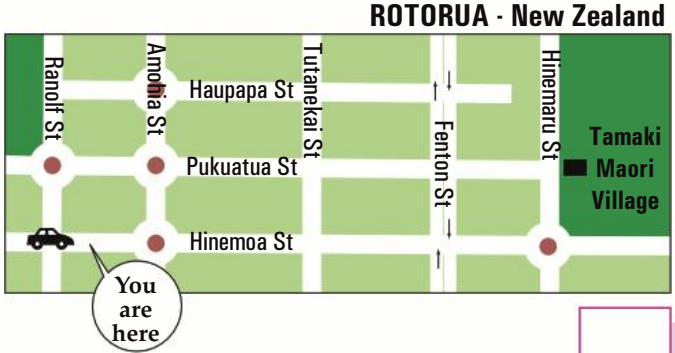
16. [Shapes]

Draw the lines of symmetry.

17. [Location]

What is the least number of roundabouts you must drive through to get to the Tamaki Maori Village?

ROTORUA - New Zealand



18. [Statistics / Probability]

How many pieces does a person have in the game of checkers?

GAMES: pieces for each person

Draughts	● ● ●
Checkers	● ● ◗
Chess	● ● ● ●

Each ● = 4 pieces	Each ◗ = 2 pieces

19. [Problem Solving 1]

Draw the picture that comes next in the pattern.

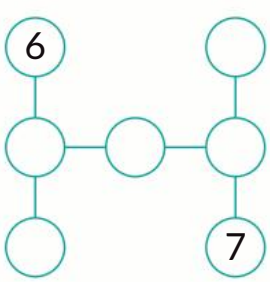
20. [Problem Solving 2]

Fill in the puzzle so that each 2 × 2 box, each row and each column contain all the numbers from 1 to 4.

2			
		3	
	4		
		1	

21. [Problem Solving 3] *

Place the numbers 1, 2, 3, 4 and 5 in the circles, so that the sum on each line is the same.



MATHS MATE

Term 3 - Sheet 5

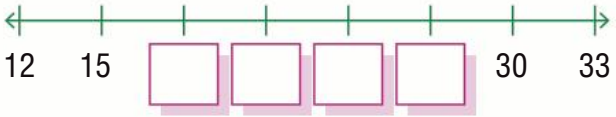
Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Complete the number line.

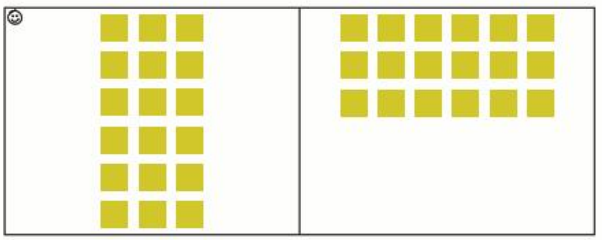


2. [Addition / Subtraction]

Complete the subtraction.

$37 - 9 =$ ☐

3. [Multiplication / Division]



$6 \times$ ☐ $=$ ☐ $\times 6$

4. [+ Whole Numbers]

$16 +$ ☐ $= 19$

5. [– Whole Numbers]

	8	10	15	24	13
– 6					

6. [× Whole Numbers]

$$\begin{array}{r} 36 \\ \times\ \ 5 \\ \hline 30 \leftarrow 5 \times 6 \text{ units} \\ +\ 150 \leftarrow 5 \times 3 \text{ tens} \\ \hline \square \end{array}$$

7. [÷ Whole Numbers]

☐

$6\overline{)54}$

8. [Word Problems]

Adults have 206 bones in their bodies. Children have 94 more bones than adults. How many bones are there in a child's body?

[Write the number sentence.]

☐ =

9. [Fractions]

Show the fractions $\frac{5}{6}$ and $\frac{2}{6}$ on the number line. Which fraction is greater?

☐

10. [Place Value]

Write the smallest 3-digit number that contains the digits 8, 1 and 5.

☐

11. [Word Numbers]

Write in numerals:

eighty-four thousand

12. [Money]

How much change would you receive from $50 if you purchased this cart?

$

13. [Number Patterns]

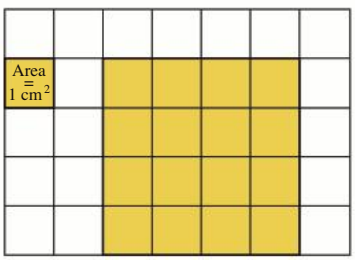
13 , 12 , 9 , 8 , 5 , __ , __

14. [Time]

Write the time shown in words.

15. [Measuring]

Find the area of the shaded square.



cm²

16. [Shapes]

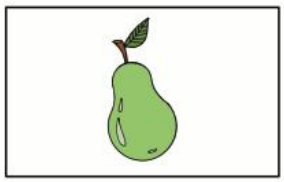
Which of the angles shown on the clock faces is larger?

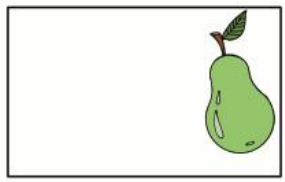
A) 

B) 

17. [Location]

Has this pear been moved by a flip, a slide or a turn?



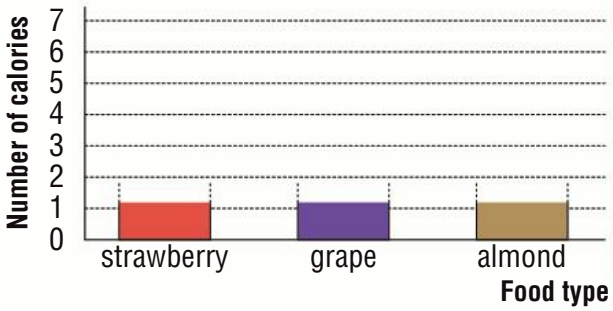


18. [Statistics / Probability]

Use the table to complete the graph.

Calories in food

Food type	Number of calories
strawberry	4
grape	3
almond	7



19. [Problem Solving 1]

Complete the addition table.

+	1	4	
	4		
2			4
			7

20. [Problem Solving 2]

Which multiple of 4 is missing from this list of multiples?

4, 8, 12, , 20, 24

21. [Problem Solving 3] *

The lunch break at school is 60 minutes long. Lulu spends one third of the lunch break eating. How many minutes does she spend eating?

min

MATHS MATE

Term 3 - Sheet 6

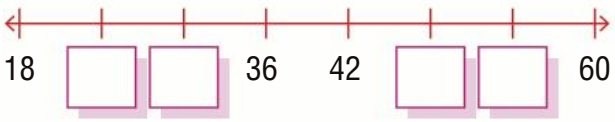
Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

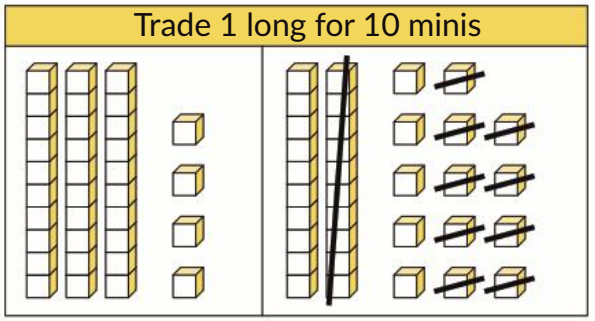
1. [Counting]

Complete the number line.



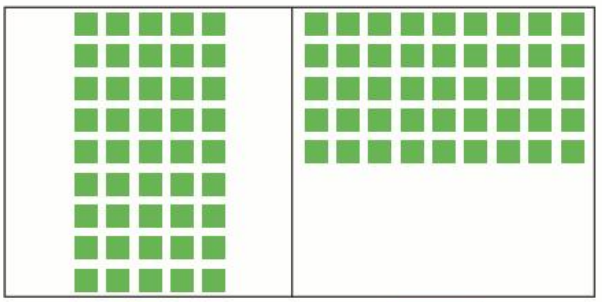
2. [Addition / Subtraction]

Complete the subtraction.



$34 - 19 = \square$

3. [Multiplication / Division]



$\square \times 5 = 5 \times \square$

4. [+ Whole Numbers]

$\square + 7 = 25$

5. [– Whole Numbers]

	18	14	9	23	15
– 8					

6. [× Whole Numbers]

$$\begin{array}{r} 53 \\ \times\ 8 \\ \hline 24 \leftarrow 8 \times 3 \text{ units} \\ +400 \leftarrow 8 \times 5 \text{ tens} \\ \hline \square \end{array}$$

7. [÷ Whole Numbers]

$$\square$$
$$8 \overline{)\ 56}$$

8. [Word Problems]

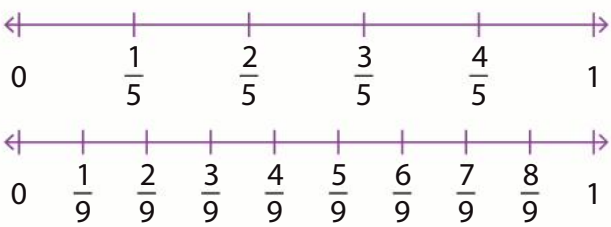
A square of side length 3 cm has an area of 9 cm^2. If the side length is doubled, the area of the new square is 36 cm^2. How many times bigger is the area of the new square?

[Write the number sentence.]

$\square = \square$

9. [Fractions]

Use <, = or > to make this true.



$\frac{4}{5} \quad \square \quad \frac{4}{9}$

10. [Place Value]

Write the largest 4-digit number that contains the digits 5, 1, 8 and 6.

$\square$

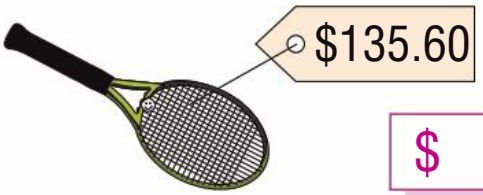
11. [Word Numbers]

Write in numerals:

sixty-three thousand, one hundred

12. [Money]

How much change would you receive from $200 if you purchased this racquet?



$

13. [Number Patterns]

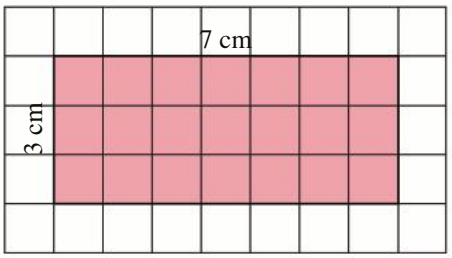
20 , 18 , 15 , 13 , 10 , __ , __

14. [Time]

Write the time 8:29 in words.

15. [Measuring]

Find the area of the shaded rectangle.

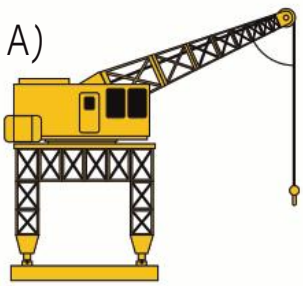


cm^2

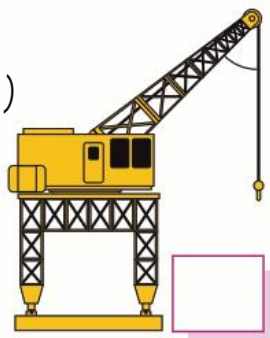
16. [Shapes]

On which crane is the angle formed by the arm and hook smaller?

A)

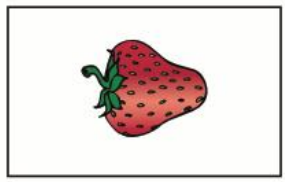


B)



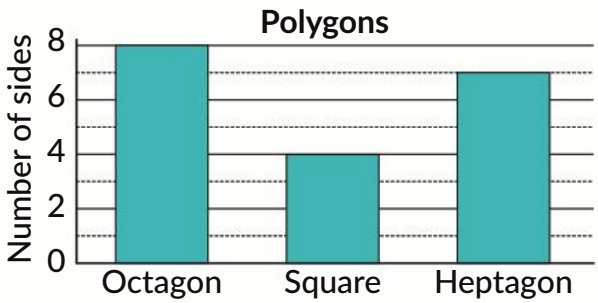
17. [Location]

Has this strawberry been moved by a flip, a slide or a turn?



18. [Statistics / Probability]

Use the graph to complete the table.



Polygons	Number of sides
Octagon	
Square	
Heptagon	

19. [Problem Solving 1]

Complete the addition table.

+	2	1	
	3		6
3			
		5	

20. [Problem Solving 2]

Which multiple of 6 is missing from this list of multiples?

6, 12, 18, 24, 30, ____ , 42

21. [Problem Solving 3] *

There are 20 biscuits in a packet. Rachel puts three tenths of them on a plate. How many biscuits are on the plate?

MATHS MATE

Term 3 - Sheet 7

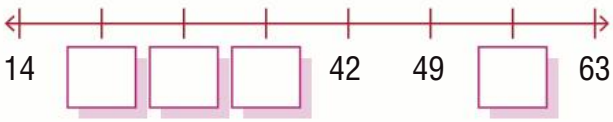
Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

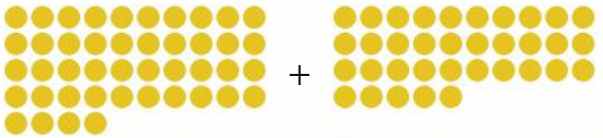
1. [Counting]

Complete the number line.



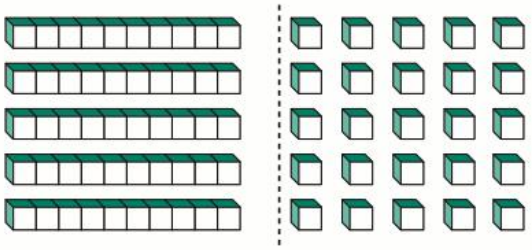
2. [Addition / Subtraction]

Complete the number sentence.



$\square + \square = \square$

3. [Multiplication / Division]



$5 \times 10 = \square$ $5 \times 5 = \square$

$5 \times 15 = \square$

4. [+ Whole Numbers]

$8 + \square = 36$

5. [– Whole Numbers]

	12	17	19	23	15
– 7					

6. [× Whole Numbers]

$$\begin{array}{r} 27 \\ \times\ 6 \\ \hline \square \leftarrow 6 \times 7 \text{ units} \\ +\ \square \leftarrow 6 \times 2 \text{ tens} \\ \hline \square \end{array}$$

7. [÷ Whole Numbers]

$$6 \overline{)\ 48}$$ $\square$

8. [Word Problems]

In a classic Rubik's Cube, each of the faces is covered by nine coloured stickers. How many coloured stickers are on the Rubik's Cube?

[Write the number sentence.]

$\square =$

9. [Fractions]

Show the fractions $\frac{3}{8}$ and $\frac{7}{8}$ on the number line. Which fraction is greater? $\square$

10. [Place Value]

Using the digits 1, 6, 7 and 9 write a number between 6950 and 7000. $\square$

11. [Word Numbers]

Write in numerals:

nineteen thousand, eight hundred and sixty

12. [Money]

How much change would you receive from $20 if you purchased this spinning top?

$

13. [Number Patterns]

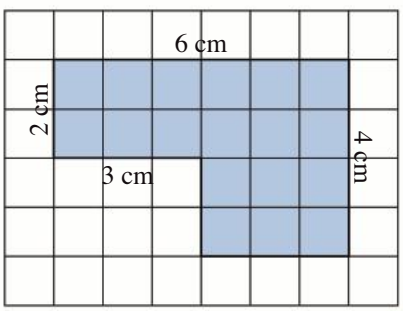
16 , 12 , 11 , 7 , 6 , __ , __

14. [Time]

Write the time 6:42 in words.

15. [Measuring]

Find the area of the shaded shape.

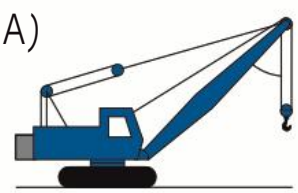


cm²

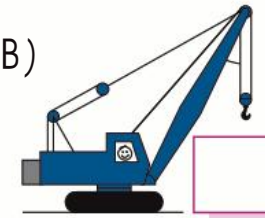
16. [Shapes]

On which crane is the angle formed by the arm and hook larger?

A)

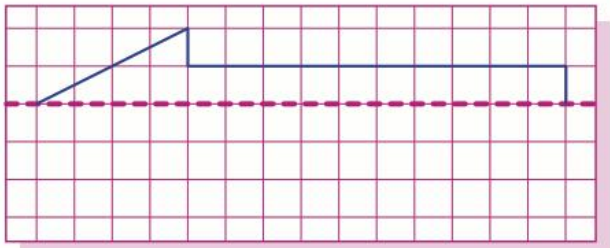


B)



17. [Location]

Draw the reflection of this shape flipped across the dotted line.

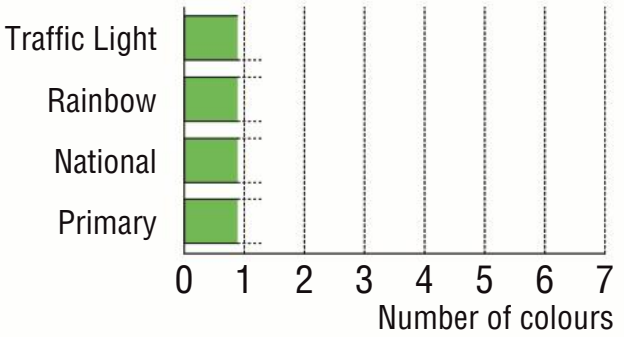


18. [Statistics / Probability]

Use the table to complete the graph.

How many colours?

	Number of colours
Traffic Light	3
Rainbow	7
National	2
Primary	3



19. [Problem Solving 1]

Complete the addition table.

+	2	4	
	3		7
		6	
3			

20. [Problem Solving 2]

Which factor of 18 is missing from this list of factors?

1, 2, 3, , 9, 18

21. [Problem Solving 3] *

Gina buys 25 sweets. She eats two fifths of them. How many does she have left?

MATHS MATE

Term 3 - Sheet 8

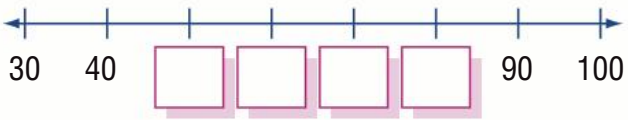
Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

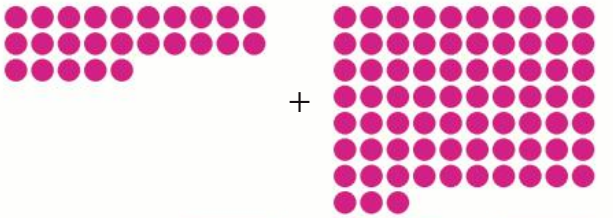
1. [Counting]

Complete the number line.



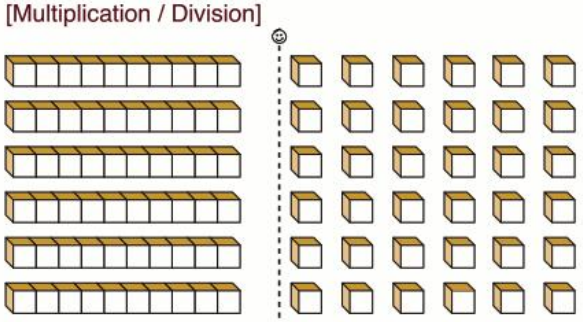
2. [Addition / Subtraction]

Complete the number sentence.



□ + □ = □

3. [Multiplication / Division]



$6 \times 10 =$ □ $6 \times 6 =$ □

$6 \times 16 =$ □

4. [+ Whole Numbers]

□ + 19 = 35

5. [– Whole Numbers]

	18	23	14	17	12
– 9					

6. [× Whole Numbers]

$$\begin{array}{r} 7\ 5 \\ \times\ \ 9 \\ \hline \square \\ + \square \\ \hline \square \end{array}$$

← 9×5 units

← 9×7 tens

7. [÷ Whole Numbers]

$$7 \overline{)\ 6\ 3}$$

□

8. [Word Problems]

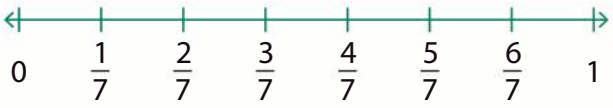
King George VI of England reigned between 1936 and 1952. For how many years did he reign?

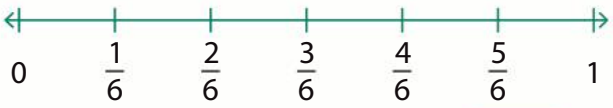
[Write the number sentence.]

= years

9. [Fractions]

Use <, = or > to make this true.





$\frac{5}{7}$ □ $\frac{5}{6}$

10. [Place Value]

Write the largest 4-digit number less than 9000, that contains the digits 9, 2, 4 and 8.

□

11. [Word Numbers]

Write in numerals:

twenty thousand and seventy-four

12. [Money]

How much change would you receive from $15 if you purchased these glasses?

$

13. [Number Patterns]

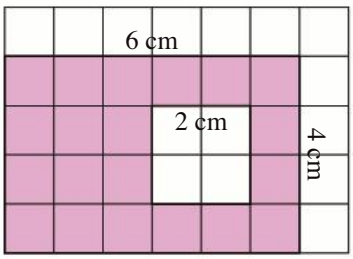
24 , 20 , 18 , 14 , 12 , __ , __

14. [Time]

Write the time shown in words.

15. [Measuring]

Find the area of the shaded shape.

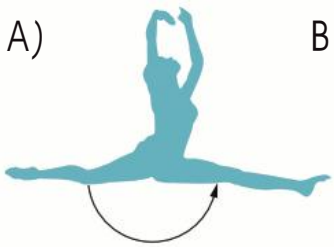


cm^2

16. [Shapes]

On which ballet dancer is the angle formed by their legs smaller?

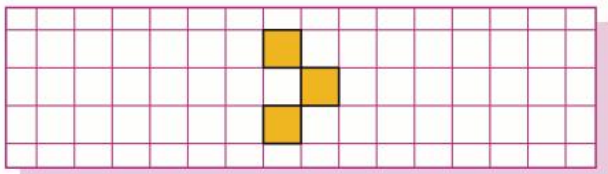
A)



B)

17. [Location]

Redraw this diagram after sliding it 5 units to the right.

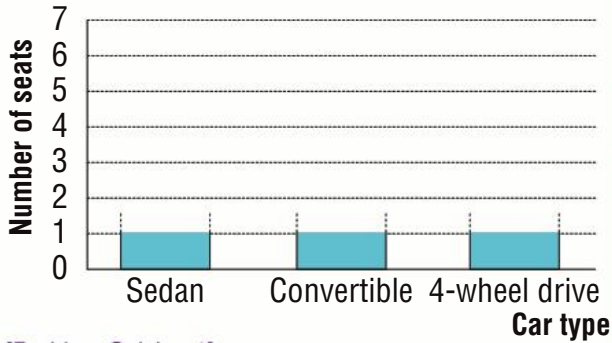


18. [Statistics / Probability]

Use the table to complete the graph.

Number of car seats

Car type	Number of seats
Sedan	5
Convertible	2
4-wheel drive	7



19. [Problem Solving 1]

Complete the addition table.

+			
	6		8
		6	
3	4	5	

20. [Problem Solving 2]

Which factor of 20 is missing from this list of factors?

1, 2, 4, 5, ____ , 20

21. [Problem Solving 3] *

A train ticket for one adult is $40. A train ticket for one child is three-quarters of the cost of an adult ticket. What is the cost of tickets for two children?

$

MATHS MATE

Name: .....

Class: .....

Teacher: .....

Worksheet Results

Term 4

		Sheet 1	Sheet 2	Sheet 3	Sheet 4	Skill Builder links	Sheet 5	Sheet 6	Sheet 7	Sheet 8	Skill Builder links
NUMBER & ALGEBRA	1. [Counting]	1	1	1	1	1.11	1	1	1	1	1.7
	2. [Addition / Subtraction]	2	2	2	2	2.16,17	2	2	2	2	2.10
	3. [Multiplication / Division]	3	3	3	3	3.16	3	3	3	3	3.17
	4. [+ Whole Numbers]	4	4	4	4	4.9	4	4	4	4	4.9
	5. [– Whole Numbers]	5	5	5	5	5.10	5	5	5	5	5.9
	6. [× Whole Numbers]	6	6	6	6	6.10	6	6	6	6	6.11
	7. [÷ Whole Numbers]	7	7	7	7	7.5	7	7	7	7	7.4
	8. [Word Problems]	8	8	8	8	8.1,2,3,4	8	8	8	8	8.1,2,3,4
	9. [Fractions]	9	9	9	9	9.15	9	9	9	9	9.16
	10. [Place Value]	10	10	10	10	10.10	10	10	10	10	10.11
	11. [Word Numbers]	11	11	11	11	11.5	11	11	11	11	11.1
	12. [Money]	12	12	12	12	12.8	12	12	12	12	12.8
	13. [Number Patterns]	13	13	13	13	13.5	13	13	13	13	13.5
MEASUREMENT & SPACE	14. [Time]	14	14	14	14	14.8	14	14	14	14	14.9
	15. [Measuring]	15	15	15	15	15.9	15	15	15	15	15.14
	16. [Shapes]	16	16	16	16	16.9,11	16	16	16	16	16.12
	17. [Location]	17	17	17	17	17.9	17	17	17	17	17.9
S & P	18. [Statistics / Probability]	18	18	18	18	18.7,8,10	18	18	18	18	18.12
PROBLEM SOLVING	19. [Problem Solving 1]	19	19	19	19	Hints & Solutions	19	19	19	19	Hints & Solutions
	20. [Problem Solving 2]	20	20	20	20	Hints & Solutions	20	20	20	20	Hints & Solutions
	21. [Problem Solving 3]	21	21	21	21	Hints & Solutions	21	21	21	21	Hints & Solutions
	Total Correct										

MATHS MATE

Term 4 - Sheet 1

Name: .....

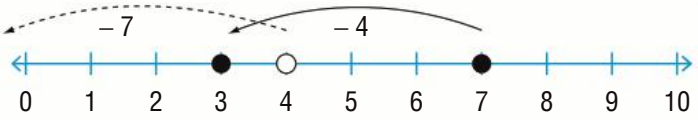
Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Start at 87. Count forward 6.

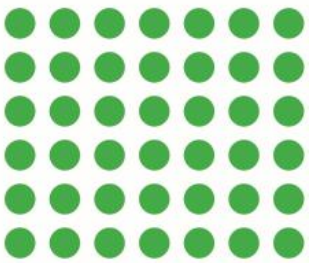
2. [Addition / Subtraction]



$7 - 4 = 4 - 7$

True or false?

3. [Multiplication / Division]



$42 \div 5 =$ ☐ remainder ☐

4. [+ Whole Numbers]

$$\begin{array}{r} 1\,3 \\ 5\,4\,2 \\ +\quad 8\,4 \\ \hline \square \end{array}$$

5. [– Whole Numbers]

$9 -$ ☐ $= 5$

6. [× Whole Numbers]

$$\begin{array}{r} 2\,3 \\ \times\quad 3 \\ \hline \square \end{array}$$

7. [÷ Whole Numbers]

$21 \div$ ☐ $= 3$

8. [Word Problems]

On average the American alligator can live for 56 years. The crocodile can live for 45 years. What is the difference between their life spans? [Write the number sentence.]

= years

9. [Fractions]

Complete the subtraction.

$\frac{5}{6} - \frac{1}{6} =$ –

10. [Place Value]

Place in order from smallest to largest:

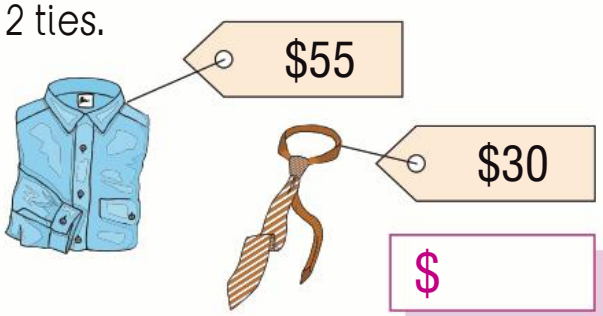
374, 734, 743, 337, 474

11. [Word Numbers]

Write the number 47 000 in words.

12. [Money] *

Calculate the cost of 1 shirt and 2 ties.



$ ____

13. [Number Patterns]

1 , 2 , 4 , 8 , 16 , ____

14. [Time]

For how long are the Reading Rooms at the National Library open on a Tuesday?

NATIONAL LIBRARY OF NEW ZEALAND
TE PUNA MATAURANGA O AOTEAROA

Te Ahumairangi | Opening times

Monday - Saturday 8:30 am - 5 pm

Reading Rooms

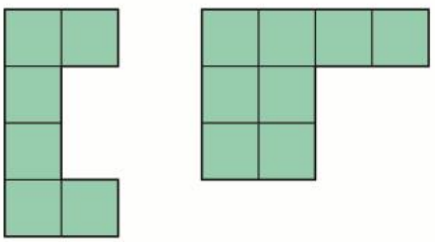
Monday - Saturday 10 am - 5 pm

____ hours

15. [Measuring]

The shapes below have the same:

A) perimeter
B) area
C) perimeter and area



____

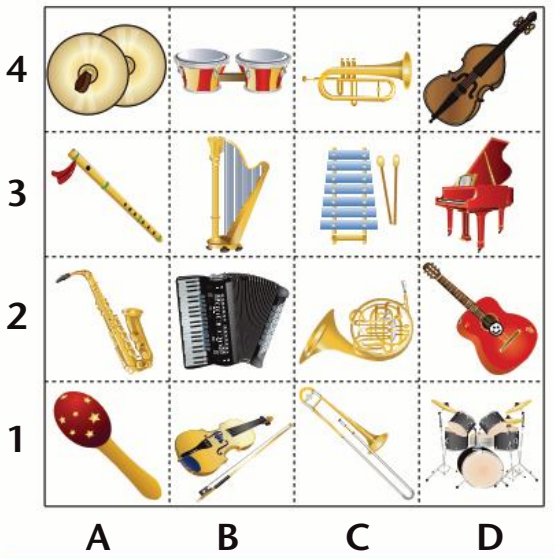
16. [Shapes]

What type of angle is marked on this letter?

____

17. [Location]

What is located at position D3?



____

18. [Statistics / Probability]

A playlist is on shuffle mode. It has 20 songs, 7 of which Elle likes. To how many songs does Elle need to listen, to be certain she hears a song she likes?

____

19. [Problem Solving 1] *

If you subtract 5 from a number and multiply the result by 4, you get 20. What is the number?

____

20. [Problem Solving 2] *

Maeve leaves home at 11:15 am to catch the 11:30 am bus. Her bus ride takes 10 minutes. How long is the whole journey?

____ min

21. [Problem Solving 3] *

Ada has 12 fish in 2 fish bowls. She has twice as many fish in the big bowl as she has in the little bowl. How many fish are in the little bowl?

____

MATHS MATE

Term 4 - Sheet 2

Name: .....

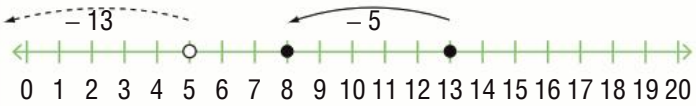
Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Start at 63. Count forward 9.

2. [Addition / Subtraction]



$13 - 5 = 5 - 13$

True or false?

3. [Multiplication / Division]

$33 \div 6 =$ ☐ remainder ☐

4. [+ Whole Numbers]

$$\begin{array}{r} 2562 \\ +\ 4709 \\ \hline \square \end{array}$$

5. [– Whole Numbers]

$15 - \square = 6$

6. [× Whole Numbers]

$$\begin{array}{r} 243 \\ \times\ \ \ 2 \\ \hline \square \end{array}$$

7. [÷ Whole Numbers]

☐ $\div 8 = 8$

8. [Word Problems]

In the 2016 Rio Olympics China won 26 gold, 18 silver and 26 bronze medals. How many medals did China win altogether?

[Write the number sentence.]

☐ =

9. [Fractions]

Shade to complete the sum.

$\frac{3}{7} + \frac{4}{7} =$ ☐

10. [Place Value]

Place in order from largest to smallest:

4669, 496, 6964, 6449

☐

11. [Word Numbers]

Write the number 60 100 in words.

☐

12. [Money] *

What is the total value of:

3 fifty-cent coins,
1 twenty-cent coin and
2 ten-cent coins?

$

13. [Number Patterns]

6 , 60 , 600 , 6000 ,

14. [Time]

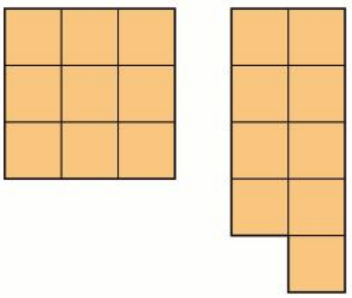
If you were shopping at Paddy's Market in Sydney at 8:00 am, what day would it be?

Day	Opening times
Friday	10 am - 4:30 pm
Saturday	6 am - 2 pm
Sunday	9 am - 4:30 pm

15. [Measuring]

The shapes below have the same:

A) perimeter
B) area
C) perimeter and area

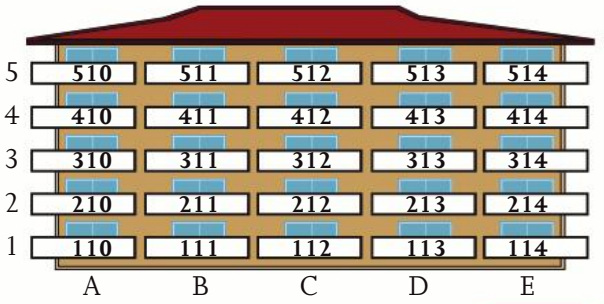


16. [Shapes]

What type of angle is marked on this letter?

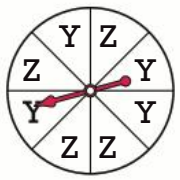
17. [Location]

What is the number of the apartment located at position C3?



18. [Statistics / Probability]

Each wheel is spun once. On which wheel do the letters 'Y' and 'Z' have equal chance to be spun?

A) 

B) 

19. [Problem Solving 1] *

If you add 12 to a number and divide the result by 6, you get 4. What is the number?

20. [Problem Solving 2] *

Davin found a biscuit recipe that needed 20 minutes cooking time. He started preparing at 11:15 am. The preparation took 45 minutes. What time were the biscuits finished?

:

21. [Problem Solving 3] *

Michael and Alana have 20 stamps in total. Michael has 3 times as many stamps as Alana. How many stamps does Alana have?

MATHS MATE

Term 4 - Sheet 3

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

Start at 132. Count backward 5.

2. [Addition / Subtraction]

$7 + 8 = 15$

$15 - 7 =$ ☐

3. [Multiplication / Division]

$40 \div 12 =$ ☐ remainder ☐

4. [+ Whole Numbers]

$$\begin{array}{r} 602 \\ 48 \\ +\ 152 \\ \hline \square \end{array}$$

5. [– Whole Numbers]

☐ $- 13 = 7$

6. [× Whole Numbers]

$$\begin{array}{r} 116 \\ \times\ \ 5 \\ \hline \square \end{array}$$

7. [÷ Whole Numbers]

$27 \div$ ☐ $= 3$

8. [Word Problems]

A quad sculling boat holds 4 people using a total of 8 oars. In a race with 6 boats, how many oars are being used?

[Write the number sentence.]

☐ =

9. [Fractions]

Complete the subtraction.

$\frac{7}{8} - \frac{5}{8} =$ ☐

10. [Place Value]

Place in order from largest to smallest:

5126, 2615, 6521, 5612

☐

11. [Word Numbers]

Write the number 12900 in words.

☐

12. [Money] *

What is the total value of:

2 two-dollar coins,
2 twenty-cent coins and
2 ten-cent coins?

$

13. [Number Patterns]

5 , 10 , 20 , 40 ,

14. [Time]

How long should it take to travel between Perth and Fremantle stations?

Transperth

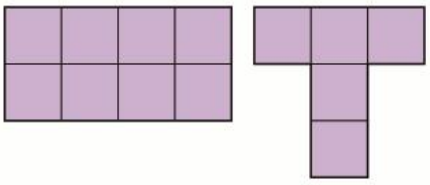
Fremantle Line		
Perth	11:30 am	11:45 am
Subiaco	11:36 am	11:51 am
Cottesloe	11:49 am	12:04 pm
Fremantle	11:58 am	12:13 pm

minutes

15. [Measuring]

The shapes below have the same:

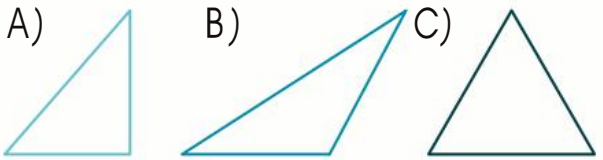
A) perimeter
B) area
C) perimeter and area



16. [Shapes]

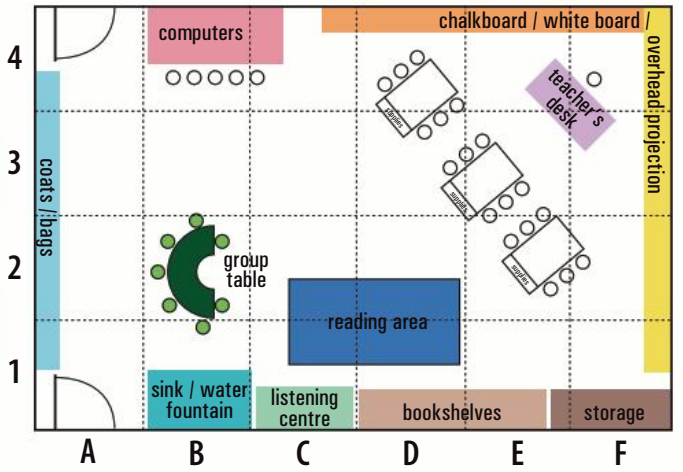
Which triangle is a right-angled triangle?

A) B) C)



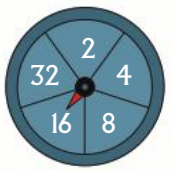
17. [Location]

What is located at position B2?



18. [Statistics / Probability]

List the five possible outcomes when you spin this spinner.



19. [Problem Solving 1] *

If you add 15 to a number and divide the result by 3, you get 10. What is the number?

20. [Problem Solving 2] *

Ballet starts at 10:30 am. Nina has to be there 20 minutes early to warm up and it takes 25 minutes to drive there. What time should Nina leave home?

:

21. [Problem Solving 3] *

Dex bought bananas and apples, a total of 12 pieces. There are 4 more apples than bananas. How many bananas did Dex buy?

MATHS MATE

Term 4 - Sheet 4

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

1. [Counting]

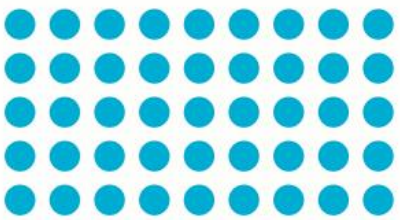
Start at 153. Count backward 7.

2. [Addition / Subtraction]

$6 + 9 = 15$

$15 - 9 =$ ☐

3. [Multiplication / Division]



$45 \div 8 =$ ☐ remainder ☐

4. [+ Whole Numbers]

$$\begin{array}{r} 4635 \\ 1108 \\ +\ 2071 \\ \hline \square \end{array}$$

5. [– Whole Numbers]

☐ $- 8 = 9$

6. [× Whole Numbers]

$$\begin{array}{r} 231 \\ \times\ \ 4 \\ \hline \square \end{array}$$

7. [÷ Whole Numbers]

☐ $\div 5 = 9$

8. [Word Problems]

There are 40 gymnasts competing in the Olympic women's teams final. If there are 8 teams in the final, how many gymnasts does each team have?

[Write the number sentence.]

☐ =

9. [Fractions]

Shade to complete the sum.

$\frac{3}{10} + \frac{6}{10} =$ ☐

10. [Place Value]

Place in order from smallest to largest:

9084, 4089, 8490, 8094

11. [Word Numbers]

Write the number 20 080 in words.

12. [Money] *

What is the total value of:

1 two-dollar coin,
3 fifty-cent coins and
3 twenty-cent coins?

$

13. [Number Patterns]

2 , 10 , 50 , 250 ,

14. [Time]

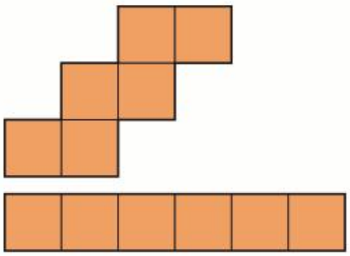
Which movie runs the longest?

Wellington Cinema
3:50 - 5:50 pm The Lion King
1:00 - 3:10 pm Spider Man: Far From Home

15. [Measuring]

The shapes below have the same:

A) perimeter
B) area
C) perimeter and area



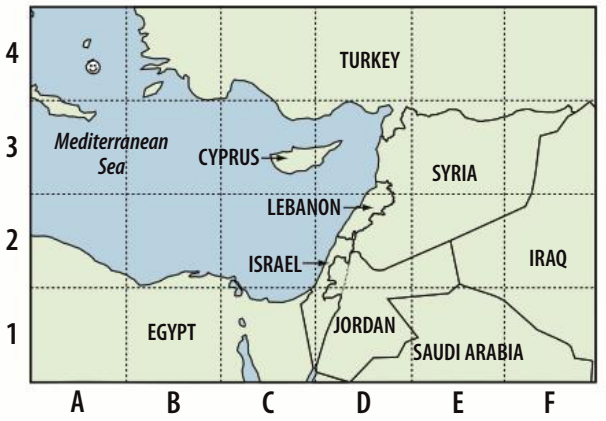
16. [Shapes]

Which triangle is an obtuse-angled triangle?

A) 
B) 
C) 

17. [Location]

Which country is located at position B1?



18. [Statistics / Probability]

Two jars contain chocolates.
A chocolate is chosen from each jar without looking. From which jar does a white chocolate have a greater chance of being chosen?

A) 
B) 

19. [Problem Solving 1] *

If you subtract 6 from a number and multiply the result by 5, you get 10. What is the number?

20. [Problem Solving 2] *

It is now midnight. Will it be daytime in 72 hours?

21. [Problem Solving 3] *

Jack and Jill have $18 in total.
Jill has $10 less than Jack.
How much money does Jill have?

$

MATHS MATE

Term 4 - Sheet 5

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

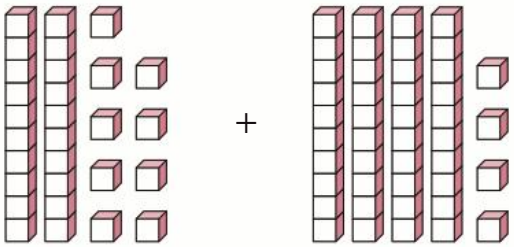
1. [Counting]

Count on by 4s.

208				

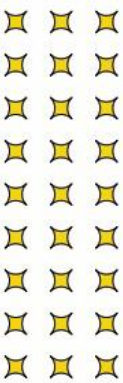
2. [Addition / Subtraction]

Complete the addition.



29 + 44 = ☐

3. [Multiplication / Division]



9 × ☐ = 27

☐ × 9 = 27

27 ÷ 3 = ☐

27 ÷ ☐ = 3

4. [+ Whole Numbers]

$$\begin{array}{r} 4\,3\,2\,8 \\ +\quad 9\,0\,6 \\ \hline \square \end{array}$$

5. [– Whole Numbers]

$$\begin{array}{r} 2\,0\,0 \\ -\quad 7\,5 \\ \hline \square \end{array}$$

6. [× Whole Numbers]

$2 \times 5 \times 7 =$ ☐

7. [÷ Whole Numbers]

$$3\overline{)\,9\,6}$$

☐

8. [Word Problems]

Sextuplets are six children born at one birth. Six sets of sextuplets were born in the United States in 2004. How many babies is this altogether?

[Write the number sentence.]

☐ =

9. [Fractions]

$\frac{1}{4} + \frac{2}{4} =$ ☐

10. [Place Value]

Circle the number closest to 200.

210 189 192 201 195 203

11. [Word Numbers]

Write in numerals:

two hundred thousand

☐

12. [Money]

Calculate the cost of 2 movie tickets at $7.50 each. $

13. [Number Patterns]

25 , 50 , 100 , 200 ,

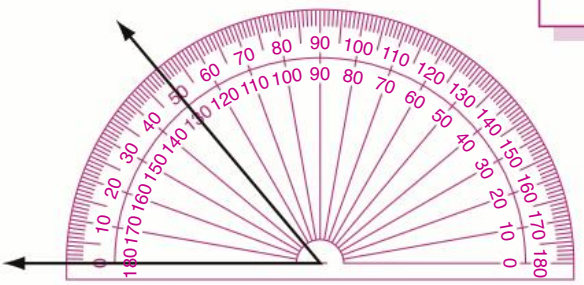
14. [Time]

Write in hours.

2 days = hours

15. [Measuring]

Use the protractor to measure the size of this angle.



16. [Shapes]

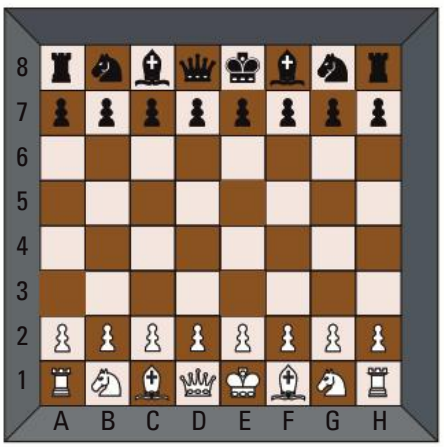
This rectangle has:

A) all sides of equal length
B) one acute angle
C) no line of symmetry
D) parallel sides

17. [Location]

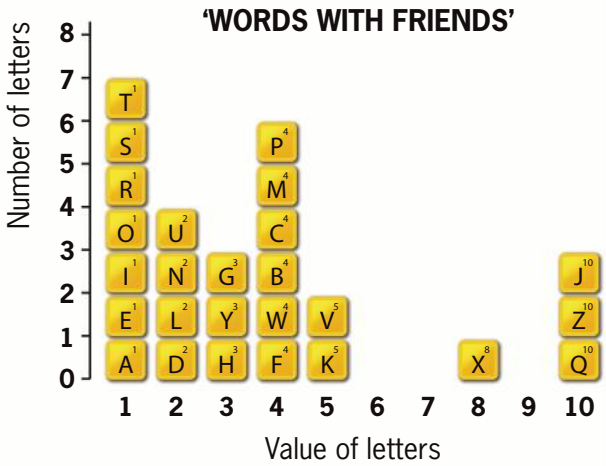
In which grid position is the black king (♚)?

A) D1 B) E8 C) F1 D) D8



18. [Statistics / Probability]

How many 'Words with friends' letters have a value of 4?



19. [Problem Solving 1] *

How many times do you write the digit 2 when writing all the numbers from 30 to 70?

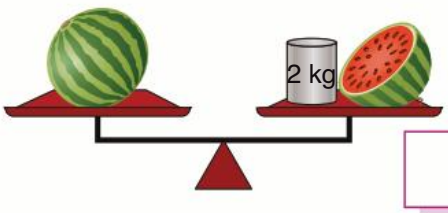
20. [Problem Solving 2] *

Colin had $40. Lachlan had $20. How much did Colin give Lachlan if they now have the same amount?

$

21. [Problem Solving 3] *

Find the weight of a whole watermelon. [There are whole and half watermelons on the balance.]



kg

MATHS MATE

Term 4 - Sheet 6

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

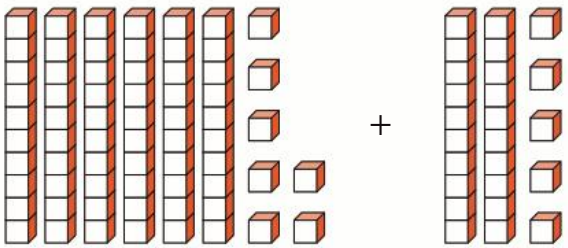
1. [Counting]

Count on by 5s.

785				

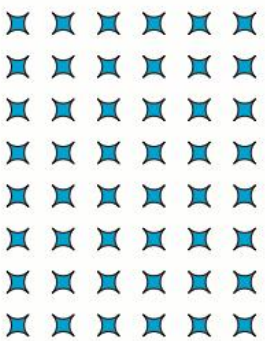
2. [Addition / Subtraction]

Complete the addition.



67 + 25 = ☐

3. [Multiplication / Division]



8 × ☐ = 48

6 × 8 = ☐

☐ ÷ 6 = 8

48 ÷ ☐ = 6

4. [+ Whole Numbers]

$$\begin{array}{r} 1\,5\,1\,7 \\ +\,3\,2\,8\,4 \\ \hline \square \end{array}$$

5. [– Whole Numbers]

$$\begin{array}{r} 3\,0\,0 \\ -\,1\,5\,7 \\ \hline \square \end{array}$$

6. [× Whole Numbers]

$3 \times 4 \times 2 =$ ☐

7. [÷ Whole Numbers]

☐

$2\overline{)\,6\,8\,2}$

8. [Word Problems]

The average rainfall in Invercargill for June is 95 mm, for July is 78 mm and for August is 62 mm. How many millimetres of rain does Invercargill average in winter?

[Write the number sentence.]

☐ = ☐ mm

9. [Fractions]

$\frac{4}{5} - \frac{1}{5} =$ ☐

10. [Place Value]

Which of these numbers is closest to 700?

719 , 790 , 705 , 690 , 708 , 694

☐

11. [Word Numbers]

Write in numerals:

five hundred and fifty thousand

☐

12. [Money]

Calculate the cost of 2 shakes at $3.90 each.

$ ____

13. [Number Patterns]

1 , 3 , 9 , 27 , 81 , ____

14. [Time]

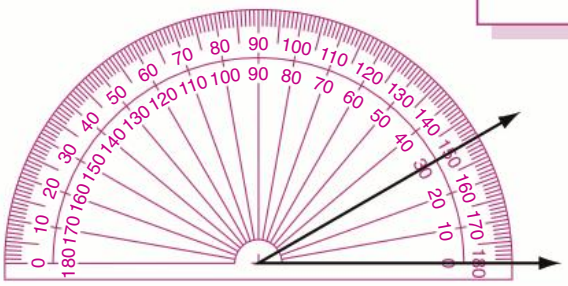
Write in minutes.

300 seconds = ____ minutes

15. [Measuring]

Use the protractor to measure the size of this angle.

____



16. [Shapes]

This triangle has: 

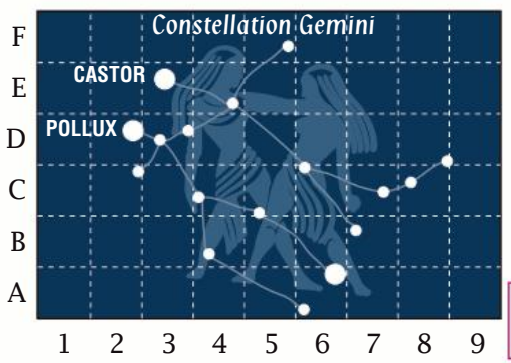
A) one line of symmetry
B) two parallel sides
C) two perpendicular sides
D) one obtuse angle

____

17. [Location]

In which grid position is the star 'Castor'?

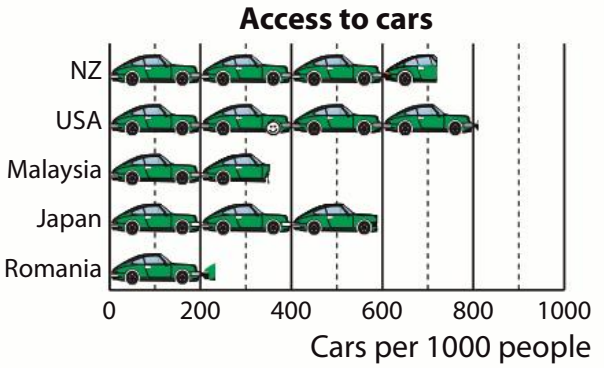
A) 2D B) 3E C) 3B D) 8C



____

18. [Statistics / Probability]

Which country has closest to 600 cars for every 1000 people?



____

19. [Problem Solving 1] *

How many times do you write the digit 3 when writing all the numbers from 1 to 50?

____

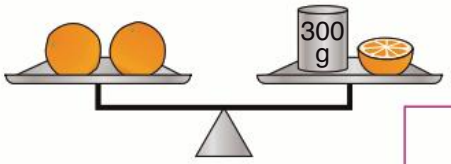
20. [Problem Solving 2] *

Sam had $21. Kate had $11. How much did Sam give Kate if they now have the same amount?

$ ____

21. [Problem Solving 3] *

Find the weight of a whole orange. [There are whole and half oranges on the balance.]



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MATHS MATE

Term 4 - Sheet 7

Name: .....

Due Date: ..... / ..... / .....

Parent's Signature: .....

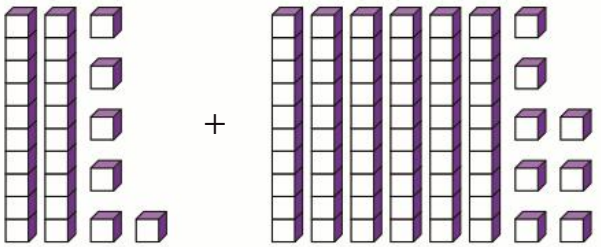
1. [Counting]

Count on by 8s.

384				

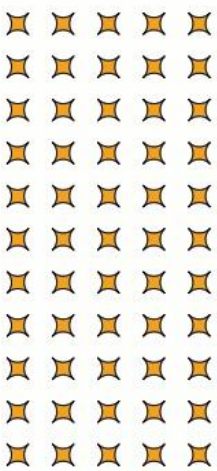
2. [Addition / Subtraction]

Complete the addition.



□ + □ = □

3. [Multiplication / Division]



□ × 11 = 55

11 × 5 = □

55 ÷ □ = 5

□ ÷ 5 = 11

4. [+ Whole Numbers]

$$\begin{array}{r} 3\,2\,7\,4\,9 \\ +\,2\,5\,3\,6\,8 \\ \hline \square \end{array}$$

5. [– Whole Numbers]

$$\begin{array}{r} 8\,2\,0 \\ -\,2\,3\,9 \\ \hline \square \end{array}$$

6. [× Whole Numbers]

$7 \times 2 \times 3 =$ □

7. [÷ Whole Numbers]

□

$3 \overline{)\,9\,0\,6}$

8. [Word Problems]

On average a donkey has a life span of 45 years. A goat's life span is one third of this. What is the life span of a goat?

[Write the number sentence.]

= years

9. [Fractions]

$\frac{2}{10} + \frac{5}{10} =$ –

10. [Place Value]

Round 6059 to the nearest ten.

□

11. [Word Numbers]

Write in numerals:

nine million □

12. [Money] *

Calculate the total cost of:

a hamburger at $4.50
chips at $2.50
a drink at $1.50

$

13. [Number Patterns]

2 , 20 , 200 , 2000 ,

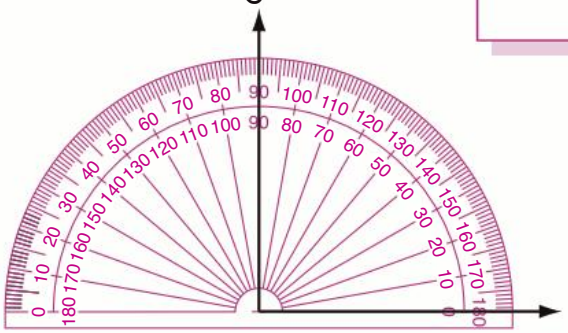
14. [Time]

Circle the longest time.

28 days 5 weeks 1 month

15. [Measuring]

Use the protractor to measure the size of this angle.



16. [Shapes]

This parallelogram has:

A) two acute angles
B) all sides of equal length
C) two perpendicular sides
D) one line of symmetry

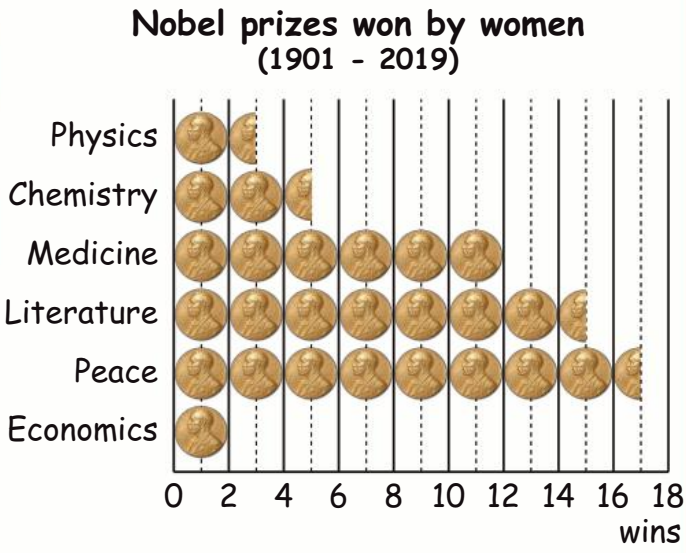
17. [Location]

In which grid position is Wellington, New Zealand?

A) B2 B) G2 C) G6 D) H2

18. [Statistics / Probability]

Which Nobel prize has been won 12 times by women?



19. [Problem Solving 1] *

How many times do you write the digit 5 when writing all the numbers from 40 to 100?

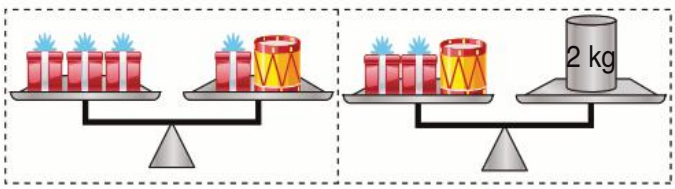
20. [Problem Solving 2] *

Violet had $13. Finn had $27. How much did Finn give Violet if they now have the same amount?

$

21. [Problem Solving 3] *

Find the weight of one present.



g

MATHS MATE

Term 4 - Sheet 8

Name: .....

Due Date: ...../...../.....

Parent's Signature: .....

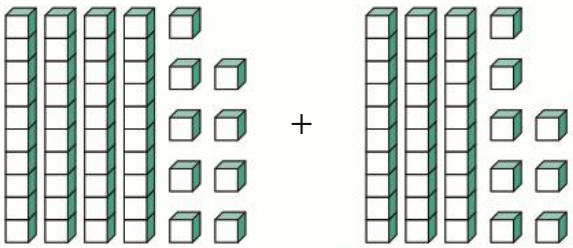
1. [Counting]

Count on by 9s.

180				

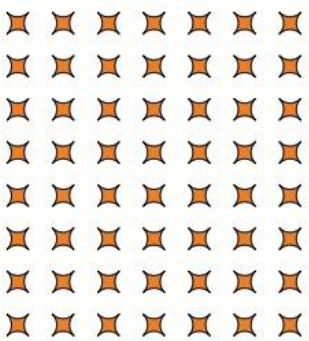
2. [Addition / Subtraction]

Complete the addition.



$\square + \square = \square$

3. [Multiplication / Division]



$7 \times \square = 56$

$\square \times 7 = 56$

$\square \div 8 = 7$

$56 \div \square = 8$

4. [+ Whole Numbers]

$$\begin{array}{r} 26595 \\ +\ 13415 \\ \hline \square \end{array}$$

5. [– Whole Numbers]

$$\begin{array}{r} 402 \\ -\ 257 \\ \hline \square \end{array}$$

6. [× Whole Numbers]

$6 \times 8 \times 5 = \square$

7. [÷ Whole Numbers]

$$\square \overline{)\,804}$$

8. [Word Problems]

A quire is 25 sheets of paper and a ream is 500. How much bigger is a ream than a quire?

[Write the number sentence.]

$\square = \square$

9. [Fractions]

$\frac{7}{12} - \frac{2}{12} = \square$

10. [Place Value]

Round 14 321 to the nearest hundred.

11. [Word Numbers]

Write in numerals:

four million, six hundred thousand

12. [Money] *

Calculate the total cost of:

wrapping paper at $3.50
scissors at $8.00
tape at $4.00

$

13. [Number Patterns]

6 , 30 , 150 , 750 ,

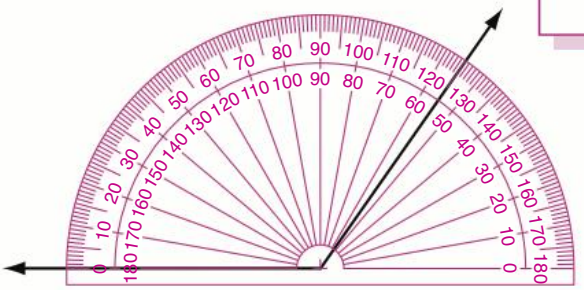
14. [Time]

Circle the shortest time.

2 minutes 200 seconds 20 days

15. [Measuring]

Use the protractor to measure the size of this angle.



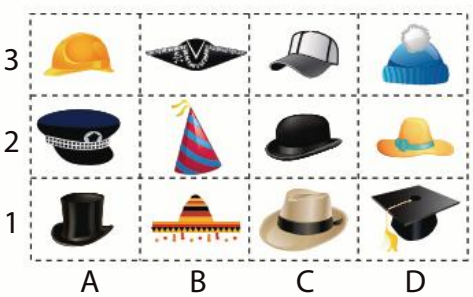
16. [Shapes]

This triangle has:

A) two parallel sides
B) all sides of equal length
C) one line of symmetry
D) one right angle

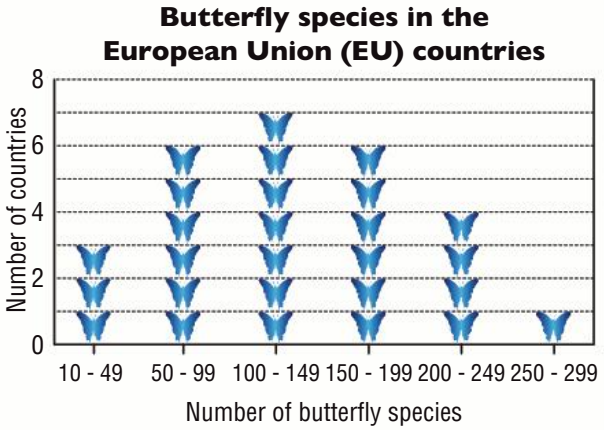
17. [Location]

If the position of the pirate's hat is B3, what is the grid position of the sombrero?



18. [Statistics / Probability]

How many European Union countries have 100, or more, species of butterflies?



19. [Problem Solving 1] *

How many times do you write the digit 4 when writing all the numbers from 10 to 100?

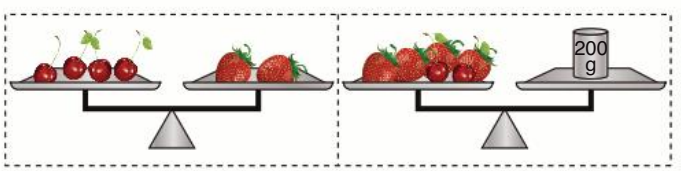
20. [Problem Solving 2] *

Alex had $24. Liam had $36. How much did Liam give Alex if they now have the same amount?

$

21. [Problem Solving 3] *

Find the weight of a cherry.



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