NAME _____

STEP IT UP! 9

MENTAL MATHS

ADDITION & SUBTRACTION

29 + 2 = 31	19 + 19 = 38	71 − 50 = 21
27 = 8 + 19	42 = 4 + 38	82 − 30 = 52
41 + 3 = 44	46 + 4 = 50	24 − 10 = 14
21 = 19 + 2	64 = 33 + 31	36 − 20 = 16
3 + 37 = 40	28 + 28 = 56	58 − 40 = 18

MULTIPLICATION & DIVISION

6 × 0 = 0	4 × 8 = 32	40 ÷ 5 = 8
18 = 2 × 9	24 = 6 × 4	20 ÷ 2 = 10
0 × 7 = 0	8 × 7 = 56	9 ÷ 1 = 9
35 = 5 × 7	24 = 3 × 8	50 ÷ 5 = 10
6 × 3 = 18	10 × 4 = 40	10 ÷ 5 = 2

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

1 Work out the difference between these prices. Show the steps you use.

• $398 • $185 398 − 100 = 298 298 − 85 = 213 Difference $ 213	• $106 • $278 278 − 100 = 178 178 − 6 = 172 Difference $ 172
• $179 • $489 489 − 100 = 389 389 − 79 = 310 Difference $ 310	• $645 • $324 645 − 300 = 345 345 − 24 = 321 Difference $ 321

2

51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90

a. Colour **red** each number that can be divided by 2 without leaving a remainder.

b. Colour **blue** each number that can be divided by 5 without leaving a remainder.

c. Which numbers can be divided by 2 and 5 without leaving a remainder?

60, 70, 80, 90

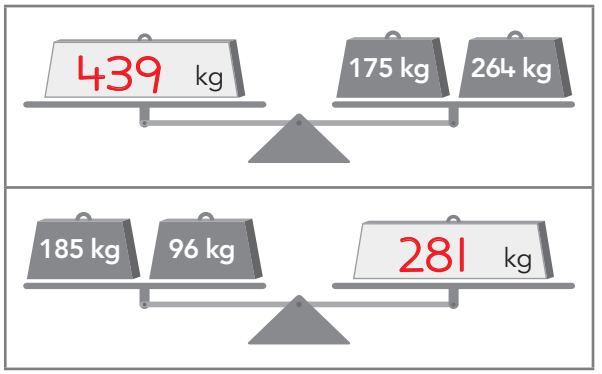
MONEY & FINANCIAL MATHEMATICS

3 Work out the change from $50.

a.	$11	Buy 4.	Change = $6
b.	$23	Buy 2.	Change = $4
c.	$6	Buy 8.	Change = $2
d.	$8	Buy 3.	Change = $26
e.	$13	Buy 3.	Change = $11
f.	$10.50	Buy 3.	Change = $18.50
g.	$15.30	Buy 3.	Change = $4.10
h.	$20.20	Buy 2.	Change = $9.60

PATTERNS & ALGEBRA

4 Work out the unknown quantity to make each balance picture true.

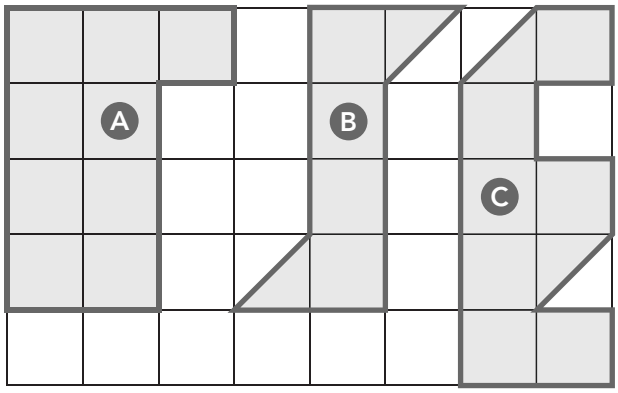


To work out change, start with the total cost and count on to the amount tendered. For example, $13.70 + 30c + $6 = $20. The change is $6.30.

MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

5 **a.** How many centimetre squares do these shapes cover?



A area = 9 cm squares

B area = 5 cm squares

C area = 8 cm squares

b. How many centimetre squares are **not** covered by a shape?

Area not covered = 18 cm squares

LOCATION & TRANSFORMATION

6 Read the clues in order. Write the letters in the grid.

T	E	A
E	A	R
A	R	T

a. Write an **E** north of **A**.

b. Write a **T** south-east of **A**.

c. Write an **E** west of **A**.

d. Write an **R** east of **A**.

e. Write a **T** in the north-west corner.

f. Write an **A** in the south-west corner.

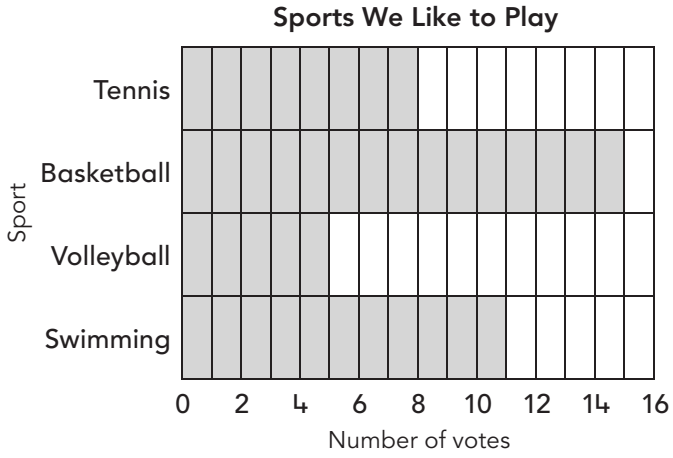
g. Write an **A** in the north-east corner.

h. Write an **R** south of **A**.

STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

7 Look at this graph.



a. Which sport is the most popular?

basketball

b. Which sport is the least popular?

volleyball

c. How many more students voted for basketball than swimming? 4

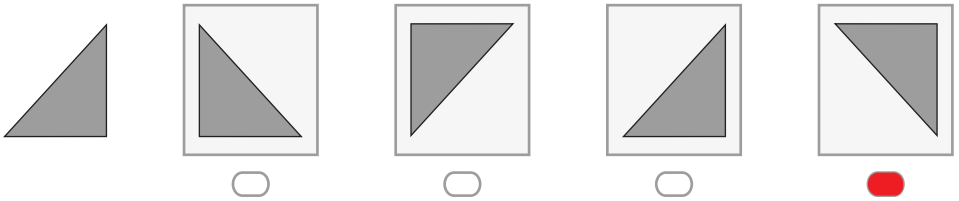
d. How many fewer students voted for volleyball than swimming? 6

e. How many more students voted for basketball than tennis and volleyball together? 2

f. How many students voted in total? 39

TESTER

Look at the first shape below. Which picture shows the same shape after a flip upside-down?



Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

STEP IT UP! 10

MENTAL MATHS

ADDITION & SUBTRACTION

9 + 14 = 23	10 + 31 = 41	96 – 36 = 60
8 + 13 = 21	35 + 43 = 78	81 – 41 = 40
7 + 18 = 25	68 + 28 = 96	78 – 38 = 40
12 + 16 = 28	33 + 57 = 90	46 – 36 = 10
17 + 18 = 35	76 + 10 = 86	22 – 12 = 10

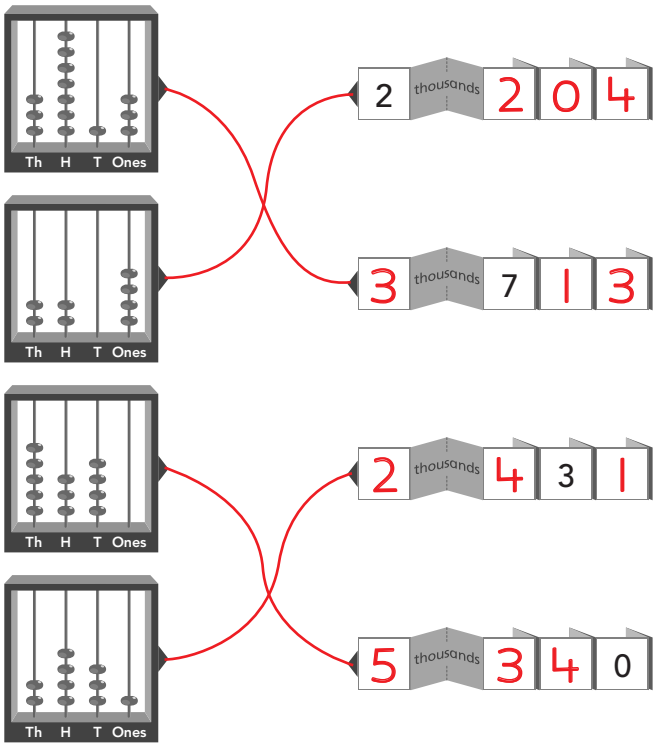
MULTIPLICATION & DIVISION

24 = 6 × 4	5 × 8 = 40	40 ÷ 4 = 10
40 = 10 × 4	7 × 4 = 28	72 ÷ 9 = 8
45 = 5 × 9	9 × 2 = 18	24 ÷ 3 = 8
8 = 8 × 1	4 × 9 = 36	64 ÷ 8 = 8
18 = 9 × 2	7 × 5 = 35	32 ÷ 4 = 8

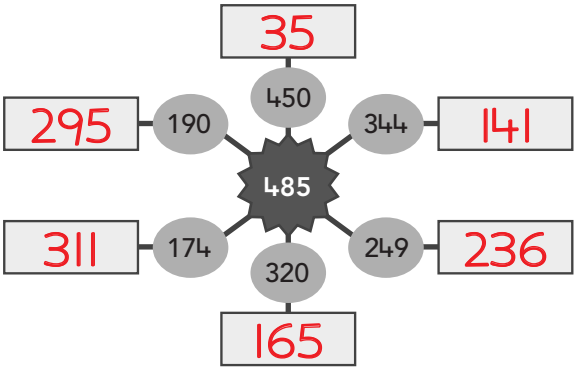
NUMBER & ALGEBRA

NUMBER & PLACE VALUE

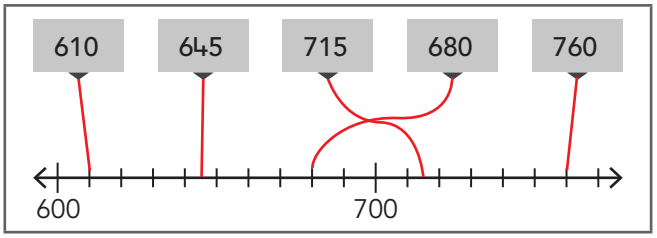
1 Draw a line from each abacus to the matching expander. Then write the missing digits.

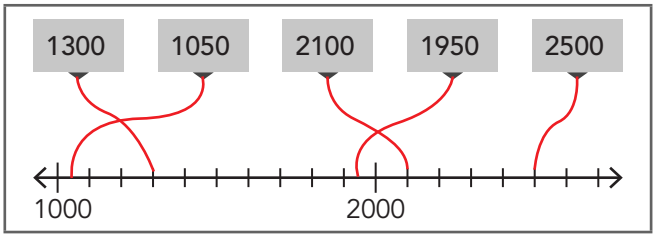


2 Subtract each number from the number in the centre.



3 Draw a line to connect each number to its position on the number line.





4 Write the numbers **10 less** and **10 more**.

10 less	3177	5084	8597	1551	4097	9630
	3187	5094	8607	1561	4107	9640
10 more	3197	5104	8617	1571	4117	9650

PATTERNS & ALGEBRA

5 Write the missing parts in these number patterns.

188	198	208	218	228
765	665	565	465	365
1000	1500	2000	2500	3000
11	15	19	23	27
9	18	27	36	45
250	500	750	1000	1250

To work out the total number of cubes used to make a **prism**, you multiply the number of cubes in one layer by the number of layers in the prism.

* Answers will vary. This is one example.

MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

6

9:00 a.m.	Spelling
9:40 a.m.	Reading
10:10 a.m.	Writing
10:30 a.m.	Morning tea
11:00 a.m.	Maths
12:00 p.m.	Lunch
1:00 p.m.	Art
1:40 p.m.	Sport
3:00 p.m.	School finishes

a. What happens at 10 minutes past 10? Writing

b. At what time is reading? 9:40

c. How long is the writing lesson? 20 minutes

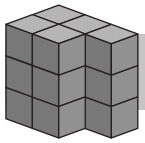
d. How long is the reading lesson? 30 minutes

e. Which lesson lasts for 60 minutes? Maths

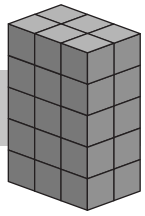
7 Write the months in each season.

Winter	Summer
June	December
July	January
August	February

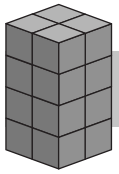
8 Work out the number of cubes used.



15 cubes



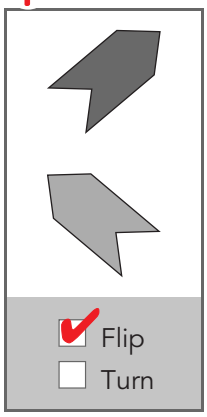
30 cubes



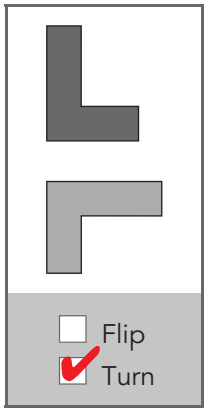
16 cubes

LOCATION & TRANSFORMATION

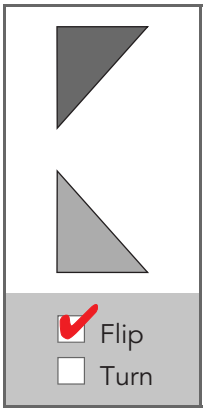
9 * Draw a ✔ to show how you would move the purple shape to make it match the green shape.



- ☑ Flip
- ☐ Turn



- ☐ Flip
- ☑ Turn



- ☑ Flip
- ☐ Turn

STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

10 **a.** How many students voted altogether? 27

b. Which was the least popular drink? red

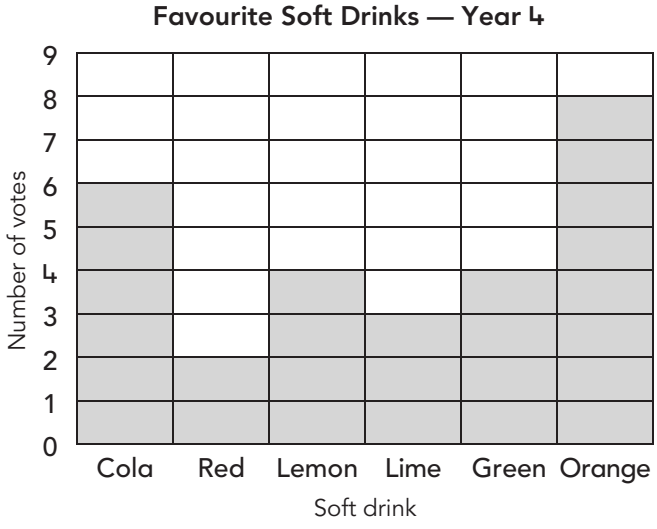
c. Which was the most popular drink? orange

d. How many students preferred green? 4

e. How many students preferred cola? 6

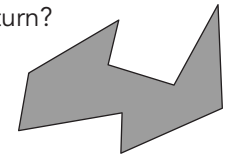
f. Which drinks received the same number of votes? lemon and green

g. How many more students voted for orange than red? 6



TESTER

Look at this shape. How many inside angles are less than a quarter turn?



4 ● 10 ○ 6 ○ 7 ○

Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

STEP IT UP! 11

MENTAL MATHS

ADDITION & SUBTRACTION

7 + 8 = 15	30 + 40 = 70	100 − 13 = 87
6 + 9 = 15	70 + 20 = 90	100 − 26 = 74
8 + 5 = 13	30 + 90 = 120	100 − 52 = 48
3 + 8 = 11	20 + 30 = 50	100 − 35 = 65
7 + 4 = 11	80 + 50 = 130	100 − 47 = 53

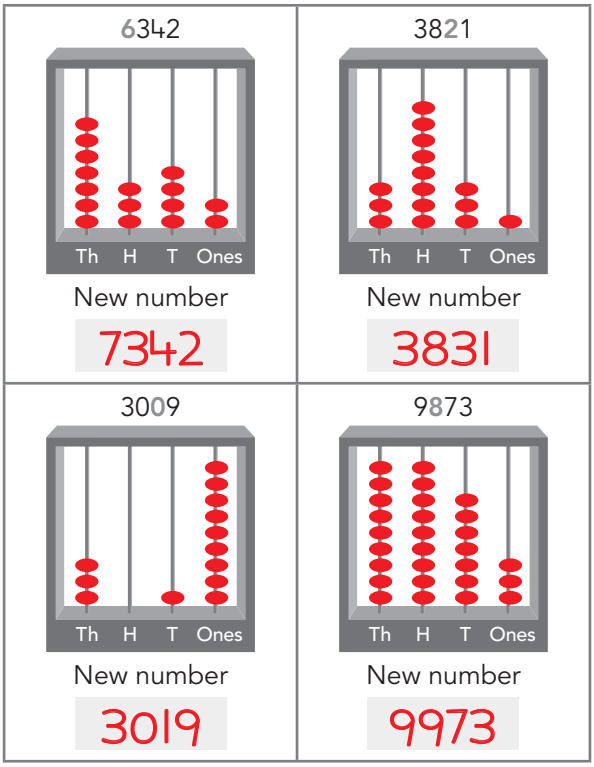
MULTIPLICATION & DIVISION

8 × 5 = 40	4 × 6 = 24	64 ÷ 8 = 8
4 × 9 = 36	2 × 9 = 18	48 ÷ 8 = 6
10 × 5 = 50	10 × 10 = 100	72 ÷ 8 = 9
3 × 4 = 12	4 × 8 = 32	80 ÷ 10 = 8
8 × 6 = 48	6 × 5 = 30	40 ÷ 10 = 4

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

1 Draw beads to show the number on the abacus. Then add one more bead to the digit that is red and write the new number.

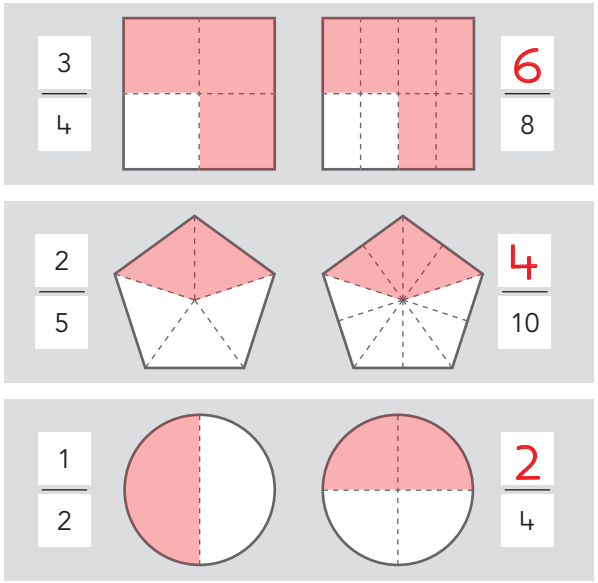


2 Write **<** or **>** to make true statements.

2482 m > 2428 m	3612 m > 3162 m
4290 m > 4092 m	2045 m < 2054 m
1819 m < 1880 m	1910 m > 1901 m
3301 m > 3103 m	4006 m < 6004 m
2480 m > 2409 m	2691 m < 2961 m

FRACTIONS & DECIMALS

3 Colour the same amount in each shape. Then complete the equivalent fraction.



MONEY & FINANCIAL MATHEMATICS

4 Calculate the cost of buying 5.

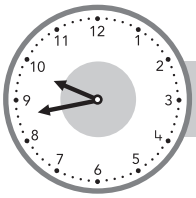
When you **compare** numbers, look at the greatest place first. For example, when you compare 2395 and 3295, you know 3295 is greater because 3 thousands is more than 2 thousands.

✱ Answers will vary. This is one example.

MEASUREMENT & GEOMETRY

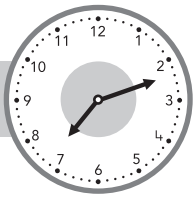
USING UNITS OF MEASUREMENT

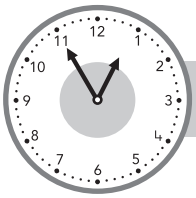
5 Write these times in words.



17 minutes to 10

12 minutes past 7





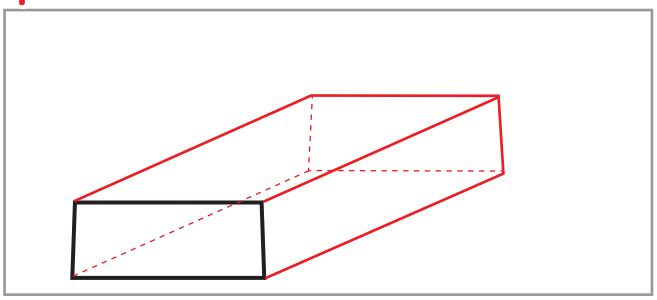
5 minutes to 1

6 Think of the real-life object. Loop the amount that best matches.

 4 L or (2 L)	 (4 L) or 8 L	 900 mL or (300 mL)
 5 L or (250 mL)	 30 mL or (150 mL)	 1 L or (250 mL)

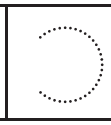
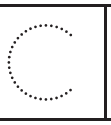
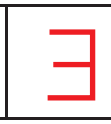
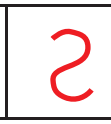
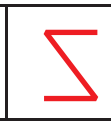
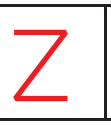
SHAPE

7 One base of a prism is shown below.
✱ Complete the drawing.



LOCATION & TRANSFORMATION

8 Redraw each letter after a flip to the right to create a mirror pattern.

C				
E				
S				
Z				

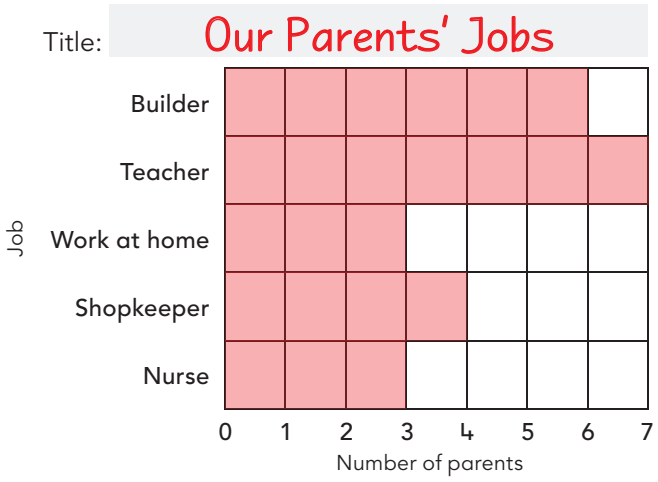
STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

9 **a.** Write the totals in the tally chart.

b. Complete the graph to show the data.

Jobs of parents	Tally	Total
Builder	𝍸 I	6
Teacher	𝍸 II	7
Work at home	III	3
Shopkeeper	IIII	4
Nurse	III	3



TESTER

A ticket to the theatre costs $5.
A teacher paid the total cost of $160 for the students in her class.

How many students were in her class?

○ 28 ● 32 ○ 165 ○ 30

Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

STEP IT UP! 12

MENTAL MATHS

ADDITION & SUBTRACTION

2 + 4 = 6	7 + 4 + 3 = 14	33 − 9 = 24
3 + 9 = 12	6 + 9 + 4 = 19	44 − 5 = 39
6 + 6 = 12	5 + 8 + 2 = 15	32 − 9 = 23
4 + 8 = 12	1 + 7 + 9 = 17	56 − 7 = 49
5 + 9 = 14	3 + 6 + 7 = 16	44 − 8 = 36

MULTIPLICATION & DIVISION

20 = 5 × 4	8 × 4 = 32	20 ÷ 4 = 5
8 = 1 × 8	4 × 11 = 44	40 ÷ 5 = 8
80 = 8 × 10	9 × 8 = 72	35 ÷ 7 = 5
24 = 3 × 8	5 × 6 = 30	25 ÷ 5 = 5
72 = 8 × 9	0 × 9 = 0	15 ÷ 3 = 5

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

1 Write the numbers **100 less** and **100 more**.

100 less	3378	3929	8843	6149
	3478	4029	8943	6249
100 more	3578	4129	9043	6349

2 Complete the facts.

10 × 3 = 30
so 9 × 3 = 27
3 × 9 = 27

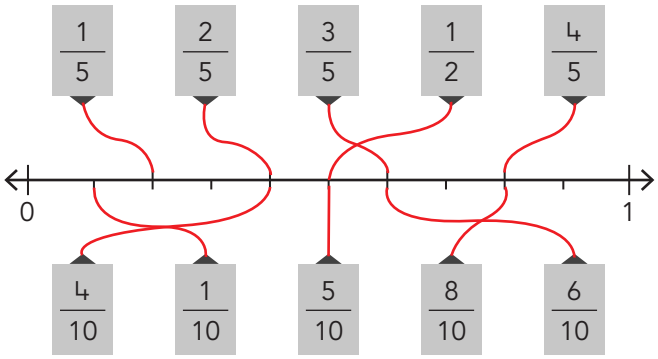
10 × 6 = 60
so 9 × 6 = 54
6 × 9 = 54

5 × 8 = 40
so 6 × 8 = 48
8 × 6 = 48

5 × 7 = 35
so 6 × 7 = 42
7 × 6 = 42

FRACTIONS & DECIMALS

3 Draw a line to show the position of each fraction on the number line.



MONEY & FINANCIAL MATHEMATICS

4 Write each amount as dollars and cents.

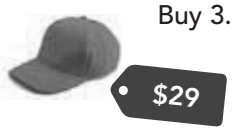
575c = $ 5.75
900c = $ 9.00
1020c = $ 10.20
2100c = $ 21.00

5 Steve bought a cap for $15, a pencil case for $8.50 and a watch for $25. He paid with a $50 note. How much change did he receive? $ 1.50

6 Calculate the total cost.

10 x 4 = 40
+
9 x 4 = 36
Total $ 76

20 x 3 = 60
+
9 x 3 = 27
Total $ 87



40 x 4 = 160
+
9 x 4 = 36
Total $ 196

30 x 4 = 120
+
9 x 4 = 36
Total $ 156

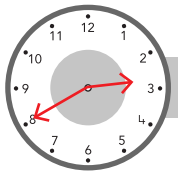
A **mirror line** cuts a shape in half so that one-half is a mirror image of the other half.

* Answers will vary. This is one example.

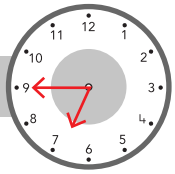
MEASUREMENT & GEOMETRY

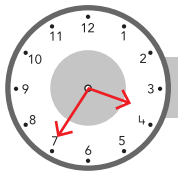
USING UNITS OF MEASUREMENT

7 Write the time on each clock.

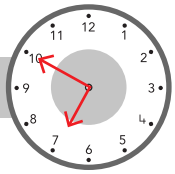

20 minutes to 3 — 5:40

7:45 — 15 minutes to 8




25 minutes to 5 — 4:35

6:50 — 10 minutes to 7



8 Draw lines to connect matching times.

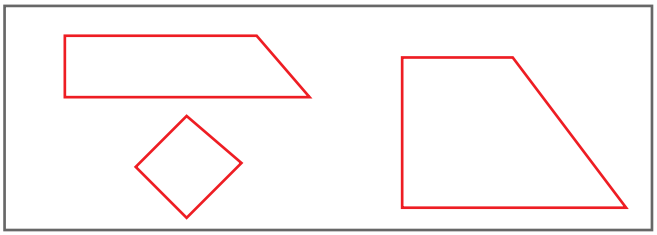
60 seconds	1 year
52 weeks	1 minute
2 weeks	1 day
60 minutes	1 year
24 hours	14 days
12 months	1 hour

SHAPE

9 Complete the table.

Objects			
Number of faces	3	4	2
Number of vertexes	0	4	1
Shape of base	circle	triangle	circle
Number of sides on base	1	3	1

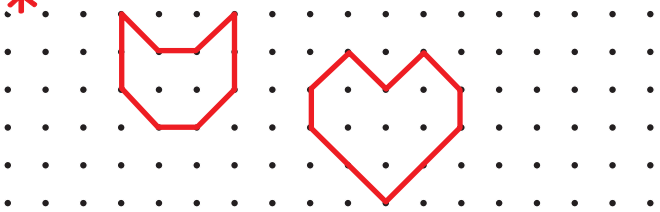
10 Draw 3 different quadrilaterals. *



LOCATION & TRANSFORMATION

11 Draw 2 different shapes that each have 8 sides and 1 mirror line.

*



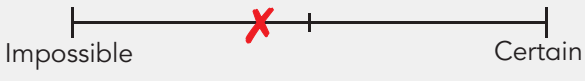
STATISTICS & PROBABILITY

CHANCE

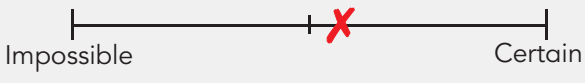
12 Draw a ✗ on the line to predict tomorrow's weather.

*

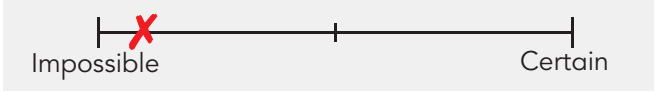
a. It will be 9 degrees tomorrow.



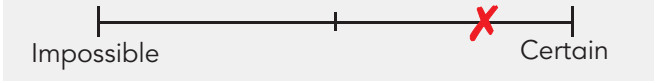
b. There will be a storm in the afternoon.



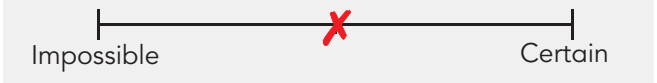
c. It will be snowing in the morning.



d. It will be a fine, sunny day.



e. It will rain in the morning.



TESTER

Which mass is the lightest?

Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

STEP IT UP! 13

MENTAL MATHS

ADDITION & SUBTRACTION

17 + 13 = 30	16 − 6 = 10	88 − 13 = 75
21 + 19 = 40	9 − 8 = 1	78 − 18 = 60
23 + 67 = 90	12 − 8 = 4	41 − 21 = 20
12 + 28 = 40	14 − 4 = 10	56 − 16 = 40
19 + 11 = 30	19 − 17 = 2	66 − 23 = 43

MULTIPLICATION & DIVISION

9 × 1 = 9	6 × 4 = 24	45 ÷ 5 = 9
6 × 9 = 54	7 × 6 = 42	35 ÷ 7 = 5
9 × 3 = 27	1 × 6 = 6	18 ÷ 9 = 2
10 × 9 = 90	5 × 6 = 30	50 ÷ 5 = 10
9 × 5 = 45	6 × 3 = 18	30 ÷ 5 = 6

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

1 Write the numbers **just before** and **just after**.

3208	3209	3210
4998	4999	5000
8839	8840	8841
5999	6000	6001
9299	9300	9301
7218	7219	7220

2 Tries are worth 4 points each.
Calculate the points for each team.

Teams	Tries	Points
Melbourne	7	28
Brisbane	5	20
Sydney	8	32
Adelaide	3	12
Hobart	6	24
Darwin	10	40
Perth	4	16

3 Use all the digits. Write the least number possible.

0, 4, 2, 1	1024	2, 9, 6, 1	1269
6, 7, 1, 1	1167	3, 4, 0, 2	2034
3, 9, 9, 0	3099	0, 1, 9, 1	1019
4, 8, 5, 5	4558	9, 8, 6, 7	6789

MONEY & FINANCIAL MATHEMATICS

4 Calculate the change.

Buy  • $3.95 and  • $2.90
Amount paid 
Change $ 3.15

Buy  • $1.95 and  • $3.80
Amount paid 
Change $ 14.25

Buy  • $4.85 and  • 95c
Amount paid 
Change $ 4.20

Buy  • $2.95 and  • $3.95
Amount paid 
Change $ 13.10

PATTERNS & ALGEBRA

5 Complete these unknowns.

5 × 8 = 40	25 ÷ 5 = 5
23 × 2 = 46	20 ÷ 4 = 5
4 × 6 = 24	18 ÷ 2 = 9
3 × 9 = 27	80 ÷ 10 = 8
7 × 4 = 28	42 ÷ 7 = 6

You can use a **round-and-adjust strategy** when adding an amount close to a whole dollar.
For example, when you *see* $3.75 + $1.99 *think* $3.75 + $2 less 1c.

✱ Answers will vary. This is one example.

MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

6 Write each time as **minutes past** and **minutes to**.

20 minutes past 1

40 minutes to 2

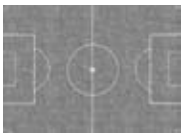
40 minutes past 5

20 minutes to 6

50 minutes past 11

10 minutes to 12

7 Loop the measurement that best matches the real length.

 (1 m) or 5 m	 (3 m) or 7 m	 300 cm or (120 cm)
 10 m or (4 m)	 (180 cm) or 280 m	 30 m or (100 m)

8 Complete these.

7:55 — 5 minutes to 8

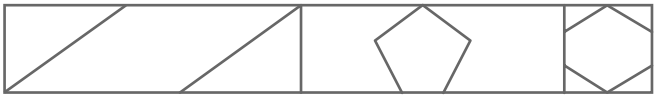
2 minutes to 4 — 3:58

6:36 — 24 minutes to 7

19 minutes to 1 — 12:41

SHAPE

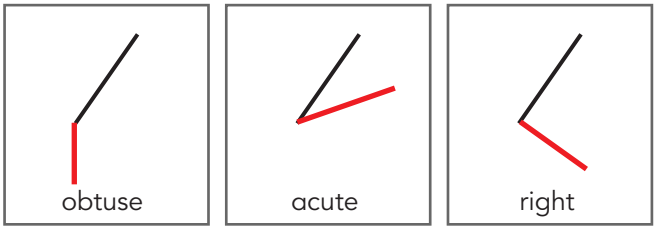
9 Name six 2D shapes you can see in this picture.



triangle, parallelogram, pentagon, hexagon, oblong, square

GEOMETRIC REASONING

10 Draw another arm to complete each angle. ✱



STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

11 Use this census data to answer the questions.

Places We Would Like to Visit	
Location	Votes
Uluru	19
Shark Bay	7
Kakadu	10
Blue Mountains	5
Great Barrier Reef	11

a. How many people voted altogether? 52

b. Uluru received 9 more votes than Kakadu.

c. Uluru received the most votes.

d. Shark Bay received 4 fewer votes than the Great Barrier Reef.

e. Five more people voted for Kakadu than for Blue Mountains.

TESTER

Look at the census results above. What was the difference in the number of votes received by the most favourite and the least favourite locations?

24 ○ 12 ○ 16 ● 14

Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

STEP IT UP! 14

MENTAL MATHS

ADDITION & SUBTRACTION

4 + 9 = 13	20 + 80 = 100	90 − 17 = 73
6 + 9 = 15	30 + 70 = 100	80 − 16 = 64
8 + 4 = 12	50 + 50 = 100	50 − 14 = 36
7 + 6 = 13	90 + 10 = 100	70 − 19 = 51
6 + 5 = 11	40 + 60 = 100	60 − 13 = 47

MULTIPLICATION & DIVISION

7 × 3 = 21	3 × 29 = 87	20 ÷ 4 = 5
3 × 5 = 15	19 × 2 = 38	35 ÷ 7 = 5
7 × 7 = 49	49 × 5 = 245	12 ÷ 6 = 2
4 × 9 = 36	4 × 39 = 156	14 ÷ 2 = 7
8 × 7 = 56	69 × 2 = 138	15 ÷ 3 = 5

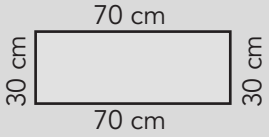
NUMBER & ALGEBRA

NUMBER & PLACE VALUE

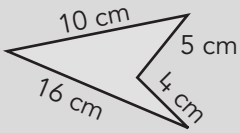
1 Add 1 then write the number.

eight thousand and ninety-five	8096
one thousand, five hundred and six	1507
six thousand, one hundred and twenty	6121
two thousand, nine hundred and sixty-three	2964
eight thousand	8001
six thousand and ninety-nine	6100

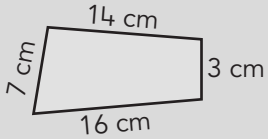
2 Calculate the distance around each shape.



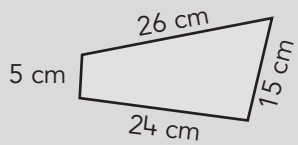
Total 200 cm



Total 35 cm



Total 40 cm

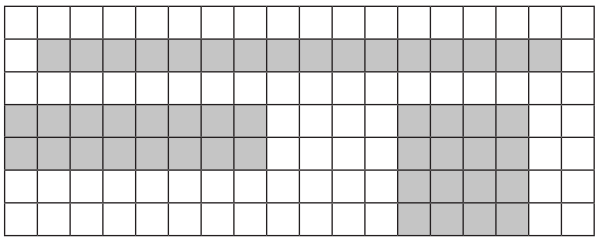


Total 70 cm

3 Use the nearby facts to help work these out.

	4 × 20 =	80		5 × 40 =	200
so	4 × 21 =	84	so	5 × 41 =	205
	5 × 20 =	100		5 × 39 =	195
	4 × 19 =	76		4 × 41 =	164

4 Look at these arrays.



Complete these tables to describe the arrays.

1	rows of	16
2	rows of	8
4	rows of	4

16 is the same as	
1	× 16
2 ×	8
4	× 4

FRACTIONS & DECIMALS

5 Write equivalent fractions.

$\frac{3}{4}$	is the same as	$\frac{6}{8}$	$\frac{2}{5}$	is the same as	$\frac{4}{10}$
$\frac{2}{8}$	is the same as	$\frac{1}{4}$	$\frac{1}{2}$	is the same as	$\frac{4}{8}$

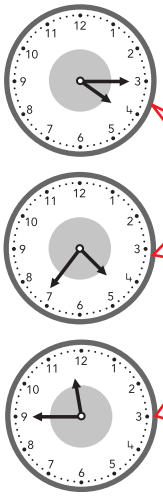
You can add **compatible pairs** first when adding more than two numbers.
For example, when you see 17 + 34 + 23 think 17 + 23 is 40 and 40 + 34 is 74.

✱ Answers will vary. This is one example.

MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

6 Draw lines to connect the clocks and times.

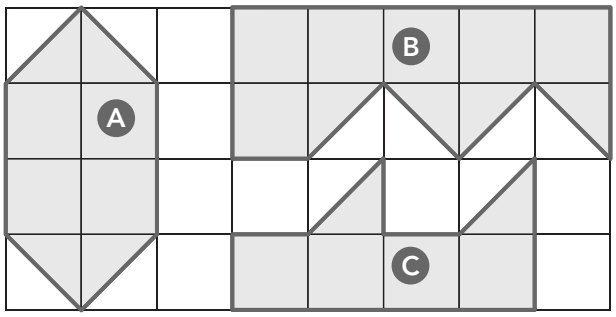


- 23 minutes to 5
- 45 minutes past 11
- 4:15
- 4:37
- 15 minutes past 4
- 15 minutes to 12

7 Loop the mass that best matches the real object.

 6 kg or 25 kg	 80 kg or 800 kg	 20 kg or 70 kg
 10 kg or 50 kg	 400 kg or 40 kg	 10 kg or 1 kg

8 How many centimetre squares does each shape cover?



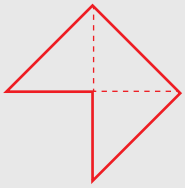
A area = 6 cm squares

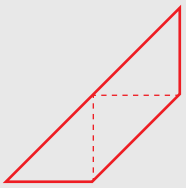
B area = 8 cm squares

C area = 5 cm squares

SHAPE

9 ✱ Draw 3 different shapes that can be made by joining 3 copies of this triangle.





STATISTICS & PROBABILITY

CHANCE

10 Look at this BBQ menu.

BBQ MENU

Meat
Sausages
Steak

Sauce
Tomato
BBQ
Chilli

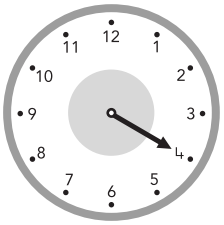
Write all the possible combinations of meat and sauce.

sausage and tomato
sausage and BBQ
sausage and chilli
steak and tomato
steak and BBQ
steak and chilli

TESTER

The hour hand is missing.
What time could the clock be showing?

- ☐ 4 minutes past 4
- ☐ 4 o'clock
- ● 20 minutes past 2
- ☐ quarter past 3



Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

STEP IT UP! 15

MENTAL MATHS

ADDITION & SUBTRACTION

7 + 7 = 14	13 + 6 + 7 = 26	180 – 90 = 90
6 + 6 = 12	19 + 11 + 9 = 39	90 – 50 = 40
9 + 9 = 18	5 + 14 + 15 = 34	140 – 70 = 70
8 + 8 = 16	7 + 14 + 23 = 44	60 – 10 = 50
9 + 7 = 16	18 + 12 + 6 = 36	100 – 30 = 70

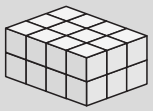
MULTIPLICATION & DIVISION

9 × 4 = 36	2 × 6 × 5 = 60	9 ÷ 1 = 9
9 × 9 = 81	4 × 2 × 3 = 24	6 ÷ 3 = 2
7 × 9 = 63	9 × 5 × 2 = 90	25 ÷ 5 = 5
6 × 4 = 24	5 × 6 × 4 = 120	14 ÷ 7 = 2
9 × 6 = 54	8 × 2 × 5 = 80	18 ÷ 2 = 9

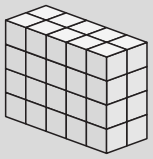
NUMBER & ALGEBRA

NUMBER & PLACE VALUE

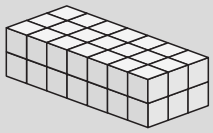
1 Write the dimensions then the total.



2 × 4 × 3 = 24



4 × 5 × 2 = 40



2 × 7 × 3 = 42

2 Complete the tables to show the factors.

18 is the same as	
1 ×	18
2 ×	9
3 ×	6

20 is the same as	
1 ×	20
2 ×	10
4 ×	5

12 is the same as	
1 ×	12
2 ×	6
3 ×	4

28 is the same as	
1 ×	28
2 ×	14
4 ×	7

3 Write the missing multiples.

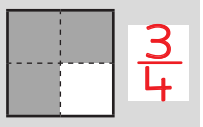
Multiples of 2	2, 4, 6, 8, 10, 12, 14, 16, 18, 20.
Multiples of 5	5, 10, 15, 20, 25, 30, 35, 40 20, 25, 30, 35, 40, 45, 50.
Multiples of 10	10, 20, 30, 40, 50, 60, 70, 30, 40, 50, 60, 70, 80, 100.

4 Loop the multiples of 3.

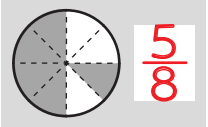
23	(27)	34	35	(39)	(42)
44	47	(48)	55	(57)	(63)

FRACTIONS & DECIMALS

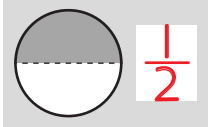
5 Write the fraction that is shaded.



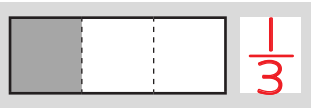
$\frac{3}{4}$



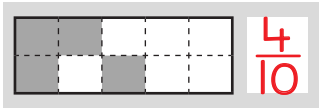
$\frac{5}{8}$



$\frac{1}{2}$



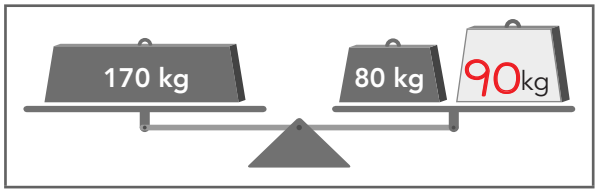
$\frac{1}{3}$



$\frac{4}{10}$

PATTERNS & ALGEBRA

6 Write the missing mass.



The **multiples** of a number are the numbers you say when you start at 0 and count in steps of that number. For example, the multiples of 4 are 4, 8, 12, 16, 20, 24, and so on.

* Answers will vary. This is one example.

MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

7 Convert these lengths.

100 cm = 1 m

400 cm = 4 m

$\frac{1}{2}$ m = 50 cm

20 cm = $\frac{1}{5}$ m

1000 m = 1 km

475 cm = $4\frac{3}{4}$ m

100 000 cm = 1 km

10 cm = $\frac{1}{10}$ m

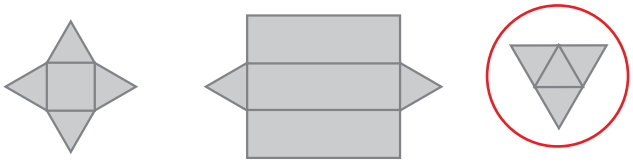
8 Loop **a.m.** or **p.m.** to match each event.

Breakfast	School finishes
(a.m.) p.m.	a.m. (p.m.)

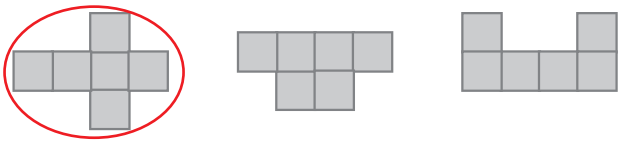
Evening news	Sun rises
a.m. (p.m.)	(a.m.) p.m.

SHAPE

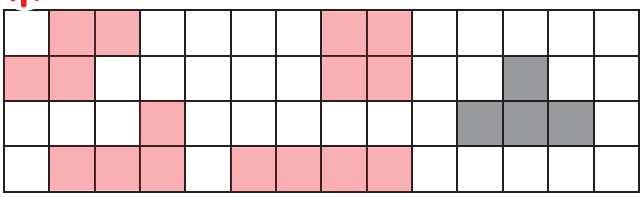
9 **a.** Loop the net that will fold to make a triangular-based prism.



b. Loop the net that will fold to make a cube.

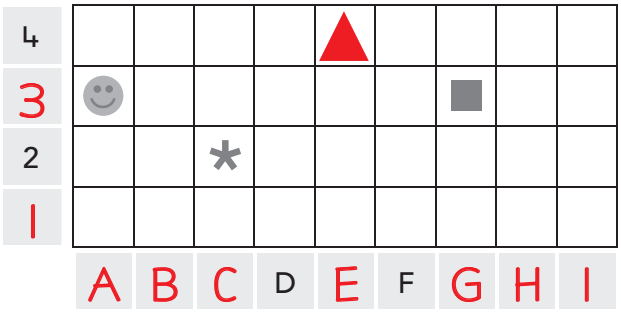


10 * Draw 3 different combinations of 4 squares that are not a flip or turn of this shape.



LOCATION & TRANSFORMATION

11 **a.** Write the missing numbers and letters around the grid.



b. Draw ▲ at E4.

c. Where is *? C2

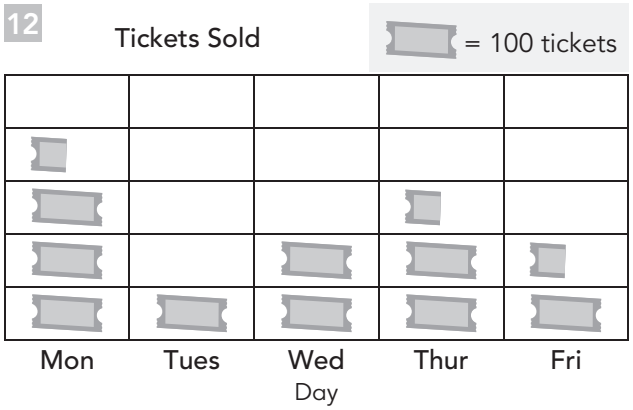
d. Where is ■? G3

e. Where is ☺? A3

STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

12



a. How many tickets were sold on Monday? 350

b. How many tickets were sold on Friday? 150

c. How many tickets were sold over the 5 days? 1050

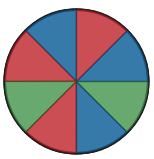
d. How many more tickets were sold on Monday than Tuesday? 250

e. How would you show 550 tickets?

TESTER

Look at the spinner. Which statement is true?

- ○ Blue is less likely then red.
- ● Red and blue are equally likely.
- ○ Green is impossible.
- ○ Blue is certain.



Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

STEP IT UP! 16

MENTAL MATHS

ADDITION & SUBTRACTION

7 + 6 = 13	40 + 40 = 80	29 – 21 = 8
10 + 8 = 18	80 + 80 = 160	35 – 24 = 11
8 + 4 = 12	30 + 60 = 90	22 – 4 = 18
11 + 9 = 20	60 + 90 = 150	20 – 3 = 17
17 + 2 = 19	90 + 30 = 120	40 – 37 = 3

MULTIPLICATION & DIVISION

6 × 9 = 54	4 × 8 = 32	56 ÷ 8 = 7
9 × 3 = 27	8 × 8 = 64	16 ÷ 8 = 2
7 × 7 = 49	8 × 6 = 48	16 ÷ 4 = 4
3 × 7 = 21	3 × 4 = 12	24 ÷ 8 = 3
3 × 3 = 9	9 × 4 = 36	24 ÷ 4 = 6

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

1 Write the totals.

a. 23 + 46 + 4 + 17 = 90

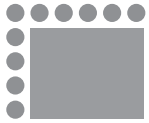
b. 58 + 22 + 64 + 6 = 150

c. 176 + 22 + 24 = 222

d. 97 + 25 + 13 + 75 = 210

e. 11 + 103 + 27 + 19 = 160

2 Complete their facts and their turnarounds.

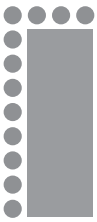


5 × 6 = 30

6 × 5 = 30

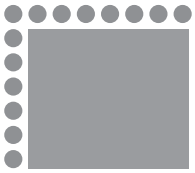
6 × 8 = 48

8 × 6 = 48



9 × 4 = 36

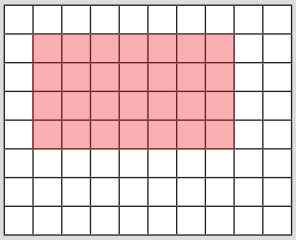
4 × 9 = 36



7 × 8 = 56

8 × 7 = 56

3 Shade the array. Complete the fact family.

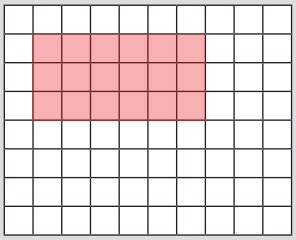


7 × 4 = 28

4 × 7 = 28

28 ÷ 7 = 4

28 ÷ 4 = 7

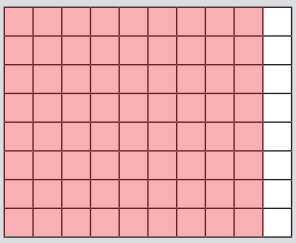


3 × 6 = 18

6 × 3 = 18

18 ÷ 6 = 3

18 ÷ 3 = 6



8 × 9 = 72

9 × 8 = 72

72 ÷ 8 = 9

72 ÷ 9 = 8

MONEY & FINANCIAL MATHEMATICS

4 Calculate the change from $20.

$12.50

Change $ 7.50

$16.80

Change $ 3.20

i A **multiplication fact family** includes a multiplication fact, its turnaround fact and the 2 related division facts.

✱ Answers will vary. This is one example.

MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

5 Colour mass pieces to show 4 different ways ✱ to make 1 kg.

1st way

100 g	500 g	100 g		
250 g	250 g	250 g		
50 g	100 g	100 g	100 g	

2nd way

100 g	500 g	100 g		
250 g	250 g	250 g		
50 g	100 g	100 g	100 g	

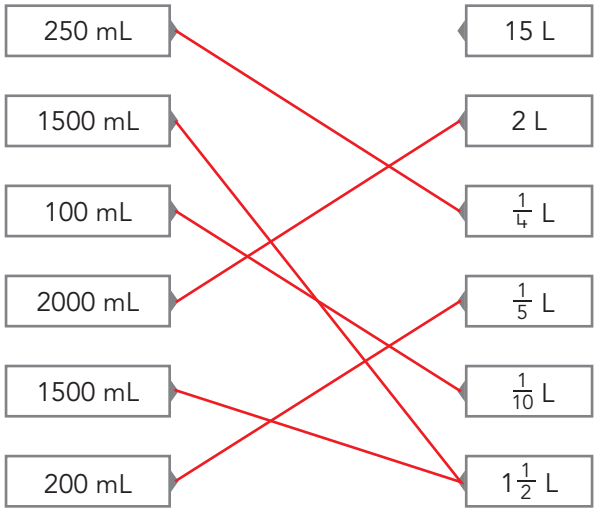
3rd way

100 g	500 g	100 g		
250 g	250 g	250 g		
50 g	100 g	100 g	100 g	

4th way

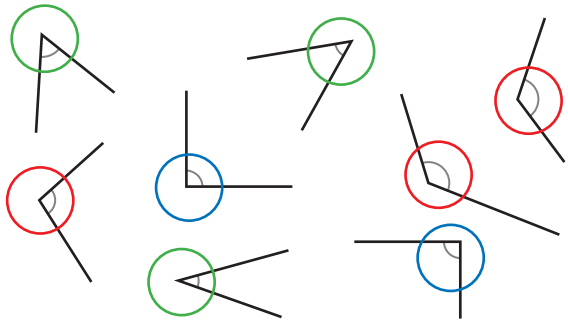
100 g	500 g	100 g		
250 g	250 g	250 g		
50 g	100 g	100 g	100 g	

6 Draw lines to connect matching amounts.



GEOMETRIC REASONING

7 Loop the right angles blue, the acute angles green and the obtuse angles red.

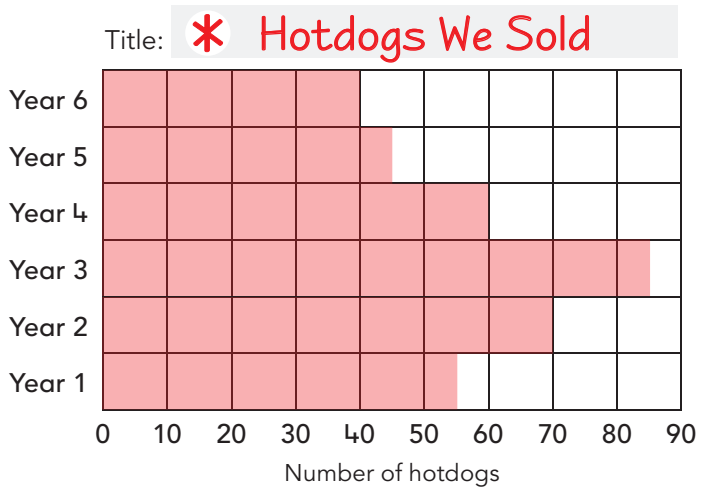


STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

8 Complete the bar graph to show the data in this table.

Number of Hotdogs Sold	
Year	Hotdogs
1	55
2	70
3	85
4	60
5	45
6	40



TESTER

Isabella had 20 grapes. She gave away 15 grapes.
What fraction of the 20 grapes did she **keep**?

$\frac{1}{2}$ ○ $\frac{3}{4}$ ○ $\frac{2}{10}$ ○ $\frac{1}{4}$ ●

Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

* Answers will vary. This is one example.

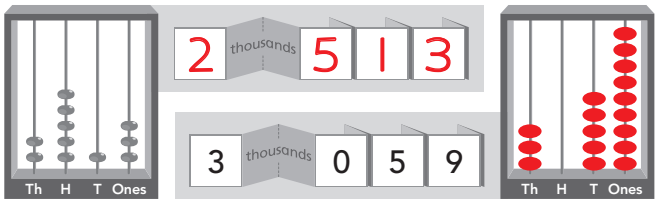
NAME _____

STEP IT UP! REVIEW 2

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

1 Write or draw the missing parts.



2 Complete these tables to show all the factors.

75 is the same as			68 is the same as			54 is the same as		
1	×	75	1	×	68	1	×	54
3	×	25	2	×	34	2	×	27
5	×	15	4	×	17	6	×	9

3 Complete the number facts.

56 dots in total					72 dots in total				
7	×	8	=	56	8	×	9	=	72
56	÷	7	=	8	72	÷	9	=	8

4 Look at this hundred board.

101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200

a. Colour red the numbers you say when you start at 3 and count in steps of 3.

b. Colour blue the numbers you say when you start at 4 and count in steps of 4.

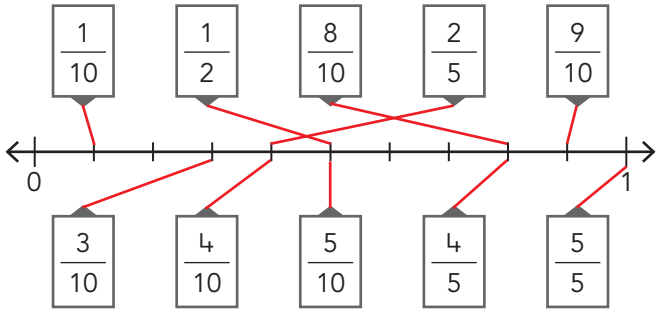
c. Loop the common multiples of 3 and 4.

5 Write the numbers **100 more** and **100 less**.

100 less	3542	5883	7194	5949
	3642	5983	7294	6049
100 more	3742	6083	7394	6149

FRACTIONS & DECIMALS

6 Draw a line to show each fraction on the number line.



MONEY & FINANCIAL MATHEMATICS

7 Calulate the total cost in your head.

Buy  • $2.99 and  • $5.60 Total $ 8.95

Buy  • $1.95 and  • $4.20 Total $ 6.15

8 * Draw notes and coins to show how you would pay the exact amount.

• $7.25	5	$2	20	5	
• $12.90	10	$2	50	20	20

PATTERNS & ALGEBRA

9 Write the missing numbers.

16 × 2 = 9 + 23	10 – 5 = 25 ÷ 5
42 + 28 = 10 × 7	72 ÷ 8 = 36 – 27

* Answers will vary. This is one example.

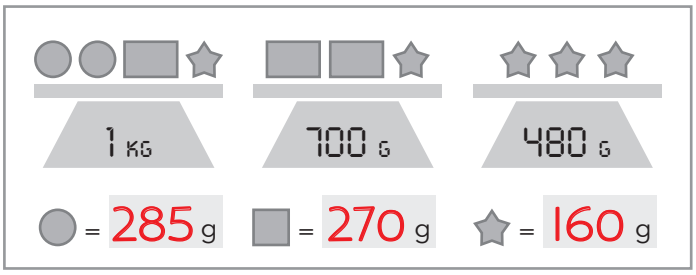
MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

10 Convert these masses.

$\frac{1}{2}$ kg	500 g	1000 g	1 kg
3500 g	3.5 kg	$\frac{1}{4}$ kg	250 g
6000 g	6 kg	$8\frac{1}{2}$ kg	8500 g
$\frac{3}{4}$ kg	750 g	$2\frac{1}{4}$ kg	2250 g

11 Work out the mass of each object.

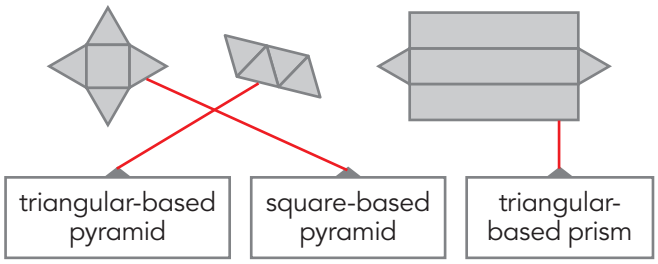


● = 285 g ■ = 270 g ★ = 160 g

12 Draw hands on the clock. Then write the time.

SHAPE

13 Connect each net to its matching 3D object.

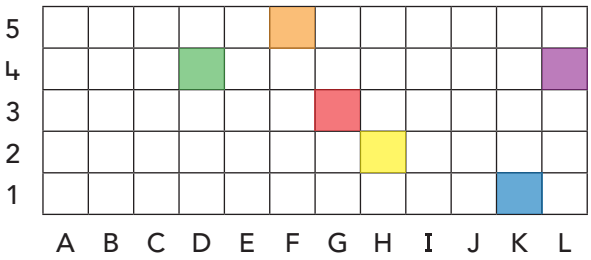


LOCATION & TRANSFORMATION

14 Colour these squares.

D4 = green **K1** = blue **L4** = purple

H2 = yellow **G3** = red **F5** = orange



GEOMETRIC REASONING

15 * Draw more lines to show 2 right angles, and 2 acute angles.

STATISTICS & PROBABILITY

CHANCE

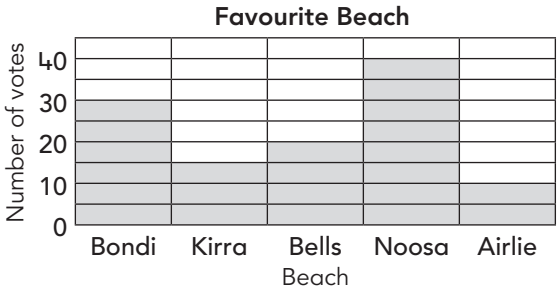
16 Imagine you popped one of these balloons without looking.

Write colours to describe the balloons.

* • blue is more likely than red.
- yellow is the least likely.
- blue is the most likely.
- green and red have an equal chance.

DATA REPRESENTATION & INTERPRETATION

17 Look at this graph.



a. How many people were included in this survey? 115

b. How many more people voted for Noosa than Kirra? 25

c. Which location was least favoured? Airlie

d. How many fewer people voted for Kirra than Bondi? 15