

NAME _____

MENTAL MATHS

ADDITION & SUBTRACTION

$13 + 13 = 26$	$9 + 8 = 17$	$10 - 2 = 8$	$18 - 2 = 16$	$14 - 7 = 7$
$24 + 24 = 48$	$4 + 9 = 13$	$10 - 5 = 5$	$15 - 2 = 13$	$18 - 9 = 9$
$31 + 31 = 62$	$7 + 9 = 16$	$10 - 9 = 1$	$20 - 2 = 18$	$20 - 10 = 10$
$42 + 42 = 84$	$10 + 9 = 19$	$10 - 7 = 3$	$16 - 1 = 15$	$16 - 8 = 8$
$10 + 10 = 20$	$9 + 5 = 14$	$22 - 9 = 13$	$11 - 2 = 9$	$8 - 4 = 4$

NUMBER & PLACE VALUE

1 Write the numbers missing from each piece of hundred board.

35	36	37	38	39		
	46		48	49	50	
		46	47		50	
	55		57	58	59	60
71		74	75		77	
81	82	83	84		86	

Half of 10 is 5.

MONEY & FINANCIAL MATHEMATICS

4 Draw more coins to match the total. *

Total = 75c

Total = 40c

NUMBER & ALGEBRA

2 Look at the block picture. Write the number in words. Then write the number.

four hundred and fifteen
415

PATTERNS & ALGEBRA

5 Draw the next picture in the pattern. Then write the addition sentence to match.

A		1				
A	B	B	$1 + 2 = 3$			
A	B	B	C	C	C	$1 + 2 + 3 = 6$
A B B C C C D D D D						
$1 + 2 + 3 + 4 = 10$						

FRACTIONS & DECIMALS

3 Cross out one-half. Complete the sentence.

Half of 12 is 6.

i In a two-ring Venn diagram, the overlapping part shows what the two groups have in common.

USING UNITS OF MEASUREMENT

6 These are pictures of real-life containers.



- a. Loop in red the things that hold less than one-half of a litre.
- b. Loop in blue the things that hold about one litre.

LOCATION & TRANSFORMATION

7 Write directions for each child to reach the house.

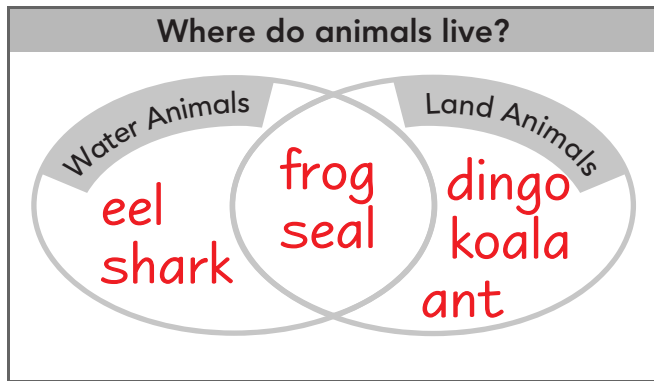
up 2
left 1
up 3

right 4
up 2
right 1

DATA REPRESENTATION & INTERPRETATION

8 a. Write these animal names in the Venn diagram.

- frog ant shark seal
- koala eel dingo



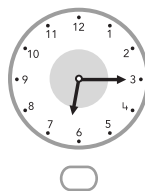
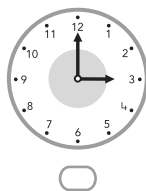
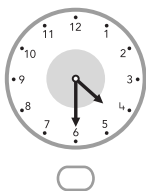
b. How many animals live in water and on land? **2**

9 This table shows the numbers of the animals in a large aquarium tank.

	Tally	Total
Starfish		16
Turtles		3
Eels		5
Stingrays		8
Fish		18

- a. Write the totals.
- b. How many fish and starfish are in the tank? **34**

Look at the digital clock. Which clock shows the matching time?



Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

MENTAL MATHS

ADDITION & SUBTRACTION

$35 + 35 = 70$	$6 + 6 = 12$	$16 = 9 + 7$	$7 - 2 = 5$	$16 - 14 = 2$
$45 + 45 = 90$	$7 + 7 = 14$	$14 = 8 + 6$	$8 - 1 = 7$	$17 - 7 = 10$
$25 + 25 = 50$	$10 + 10 = 20$	$16 = 8 + 8$	$16 - 8 = 8$	$13 - 6 = 7$
$15 + 15 = 30$	$12 + 12 = 24$	$18 = 10 + 8$	$18 - 9 = 9$	$15 - 7 = 8$
$22 + 22 = 44$	$15 + 15 = 30$	$19 = 10 + 9$	$19 - 10 = 9$	$16 - 9 = 7$

NUMBER & PLACE VALUE

1 a. Write the numbers in the shaded squares of this piece of hundred board.

31	32			36			40
41	42	44	45				50
51	52			57		59	
61		64		67		69	

- b. Write 2 odd numbers from the board above. **51 67**
- c. Write 2 even numbers from the board above. **32 64**

2 Write the answers. Use the piece of hundred board above to help you.

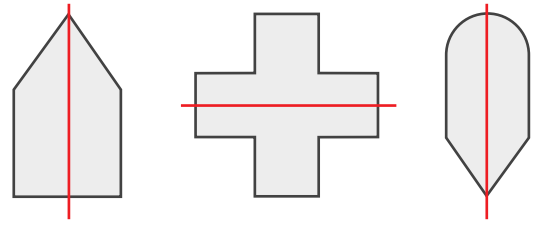
$59 - 10 = 49$	$45 - 10 = 35$
$54 - 10 = 44$	$63 - 10 = 53$

3 Write the number at the end of each piece of hundred board. Then complete the matching number sentence.

<table border="1"> <tr><td>35</td><td></td><td></td></tr> <tr><td></td><td></td><td>47</td></tr> </table> <p>$47 - 12 = 35$</p>	35					47	<table border="1"> <tr><td>61</td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td>82</td></tr> </table> <p>$82 - 21 = 61$</p>	61					82
35													
		47											
61													
	82												

FRACTIONS & DECIMALS

4 Draw a line to cut each shape into 2 equal parts.



MONEY & FINANCIAL MATHEMATICS

5 Draw coins to show 2 different ways to pay the exact amount for each stamp.

	(20) (10) (5)
	(10) (10) (10) (5)
	(50) (5)
	(20) (20) (10) (5)

PATTERNS & ALGEBRA

6 Count on in steps of 2. Write the numbers you say.

41, **43**, **45**, **47**, **49**, **51**, **53**

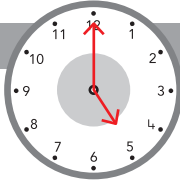
i When you **subtract 10** from a two-digit whole number, the digit in the tens place changes and the digit in the ones place stays the same.

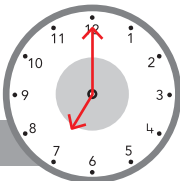
NUMBER & ALGEBRA

* Answers will vary. This is one example.

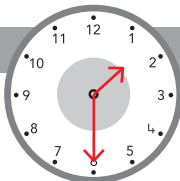
USING UNITS OF MEASUREMENT

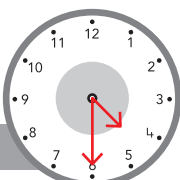
7 Write a start and stop time to match the sentence.

START  5:00

STOP  7:00

The movie was 2 hours long.

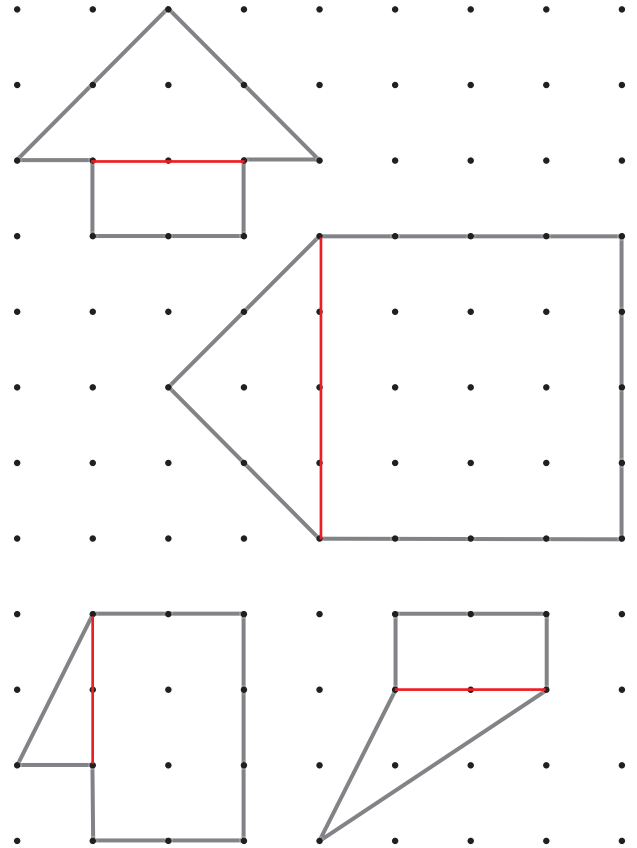
START  1:30

STOP  4:30

The picnic lasted 3 hours.

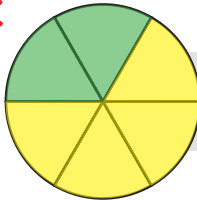
SHAPE

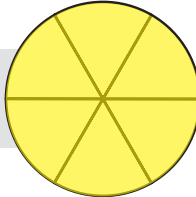
8 Draw 1 straight line in each shape to show a triangle and a rectangle.



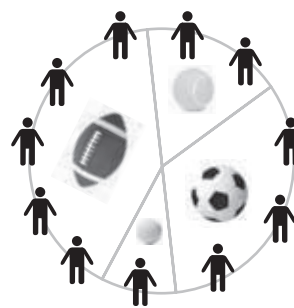
DATA REPRESENTATION & INTERPRETATION

9 Colour the spinner to match the label.

*  You have less chance of spinning green.

 You will always land on yellow.

10 This pie chart shows some students' favourite ball sport.



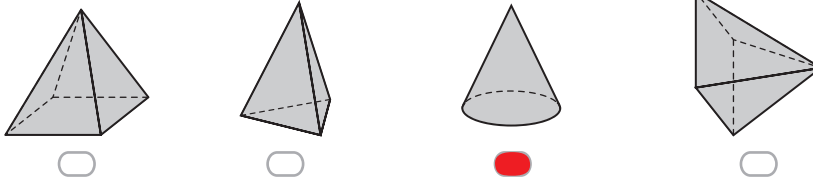
a. What is the most popular ball sport?

rugby

b. How do you know that golf is the least popular?

only one person on the chart

Which object below is **not** a pyramid?



Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

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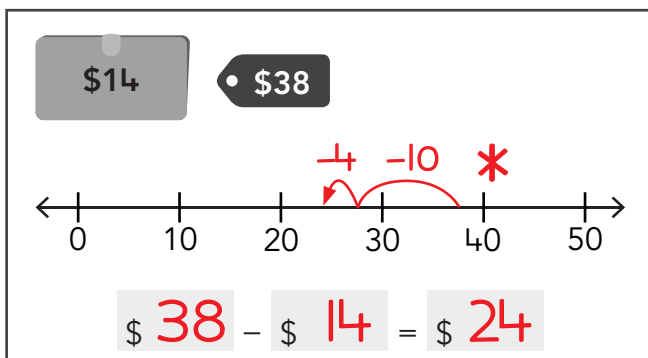
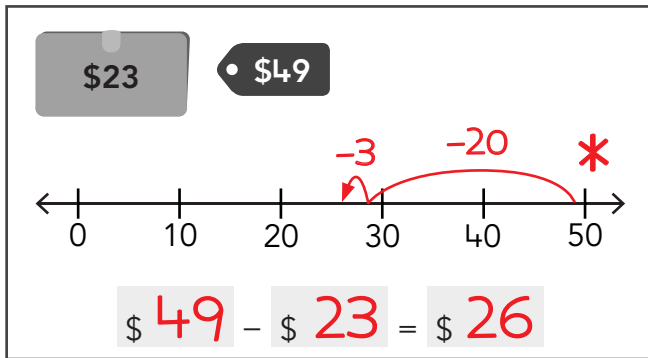
MENTAL MATHS

ADDITION & SUBTRACTION

$21 + 21 = 42$	$70 = 35 + 35$	$1 + 19 = 20$	$10 - 6 = 4$	$14 - 7 = 7$
$31 + 31 = 62$	$66 = 33 + 33$	$10 + 0 = 10$	$18 - 9 = 9$	$14 - 5 = 9$
$23 + 23 = 46$	$28 = 14 + 14$	$4 + 4 = 8$	$15 - 9 = 6$	$17 - 2 = 15$
$45 + 45 = 90$	$84 = 42 + 42$	$9 + 8 = 17$	$16 - 9 = 7$	$10 - 1 = 9$
$20 + 20 = 40$	$30 = 15 + 15$	$7 + 3 = 10$	$19 - 2 = 17$	$17 - 9 = 8$

NUMBER & PLACE VALUE

- 1 Work out how much more is needed to pay the price. Draw jumps on the number line to show your thinking.



FRACTIONS & DECIMALS

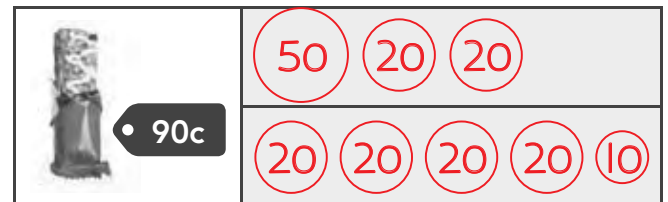
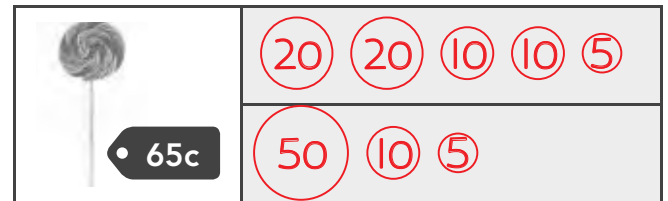
- 2 a. There are 18 children in a class. If the teacher splits them into 2 even teams, how many will be in each team? **9**

- b. How did you work out the answer?

half of 18 is 9 ($18 \div 2 = 9$)

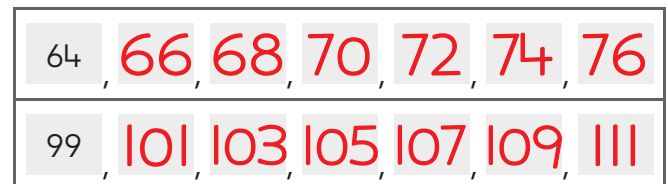
MONEY & FINANCIAL MATHEMATICS

- 3 Draw coins to show 2 different ways to pay the exact amount for each item.

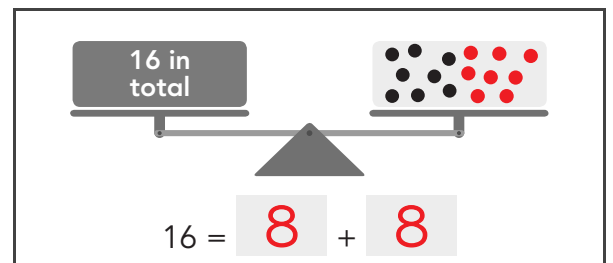


PATTERNS & ALGEBRA

- 4 Count on in steps of 2. Write the numbers you say.



- 5 Draw more ● to balance the total. Then write a matching number sentence.



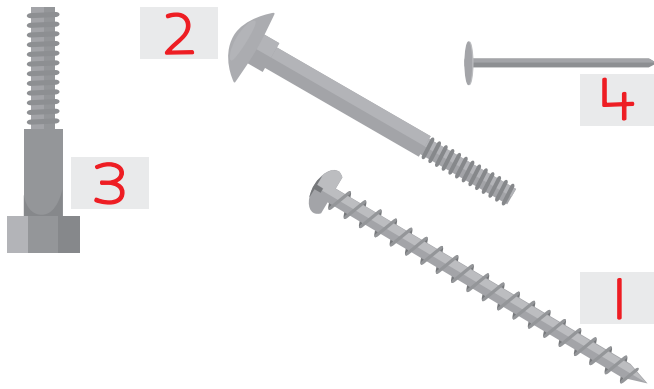
Think addition to work out the difference between two amounts. For example, the difference between 17 and 14 is 3 because $14 + 3 = 17$.

NUMBER & ALGEBRA

* Answers will vary.

USING UNITS OF MEASUREMENT

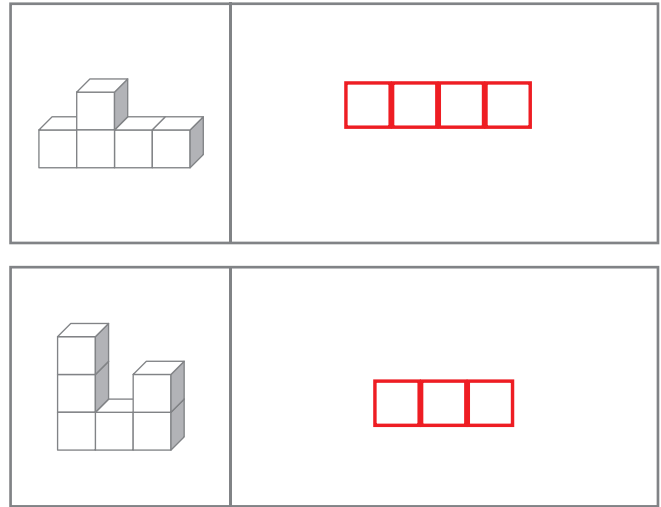
6 a. Order these objects from longest to shortest. Write the numbers 1 (longest) to 4 (shortest) in the boxes.



* b. Draw a bolt shorter than the others.

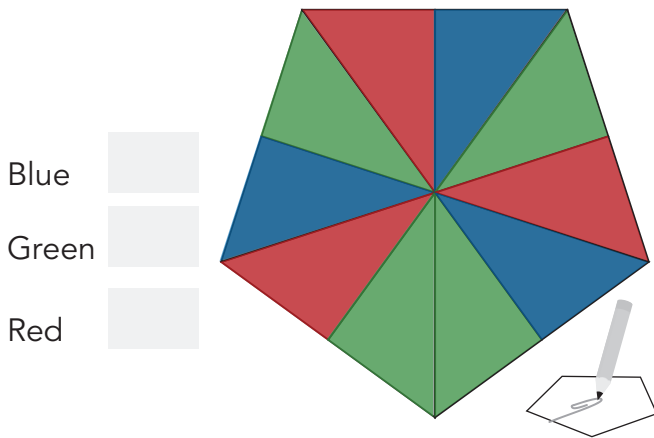
SHAPE

7 Draw what you would see from above.



CHANCE

8 Imagine you used this spinner 20 times. * Predict how many times it would stop on each colour.



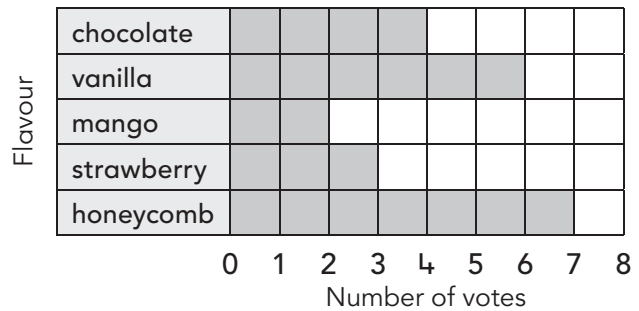
b. Use a pencil and paperclip with the spinner. Make 20 spins and record the results in this table.

Colour	Tally	Total
Blue		
Green		
Red		

DATA REPRESENTATION & INTERPRETATION

9 This bar graph shows the favourite milkshake flavours of a Year 2 class.

Favourite Milkshake Flavours



a. Which flavour was the most popular?

honeycomb

b. How many more votes did vanilla get than mango?

4

c. Which 2 flavours together had the same number of votes as honeycomb?

chocolate strawberry

d. How many students voted altogether?

22

What is the next number in this counting pattern?



- 69 59 60 62

Colour one bubble.



NAME _____

MENTAL MATHS

ADDITION & SUBTRACTION

$44 + 6 = 50$	$7 + 7 = 14$	$19 + 6 = 25$	$10 - 8 = 2$	$18 - 9 = 9$
$26 + 6 = 32$	$2 + 9 = 11$	$17 + 4 = 21$	$8 - 4 = 4$	$16 - 1 = 15$
$25 + 2 = 27$	$9 + 9 = 18$	$16 + 18 = 34$	$19 - 2 = 17$	$20 - 9 = 11$
$21 + 9 = 30$	$7 + 3 = 10$	$19 + 3 = 22$	$13 - 9 = 4$	$10 - 5 = 5$
$15 + 15 = 30$	$9 + 7 = 16$	$21 + 21 = 42$	$20 - 1 = 19$	$10 - 9 = 1$

NUMBER & PLACE VALUE

- 1 Look at the blocks. Write the number on the expander. Then write the number.

6 hundreds 4 4
644

3 hundreds 0 7
307

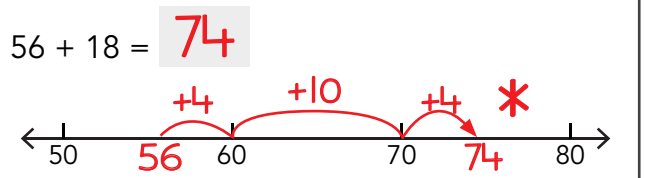
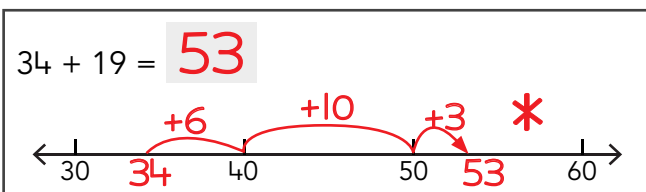
4 hundreds 3 0
430

- 2 Write the answers. Use this piece of hundred board to help you.

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

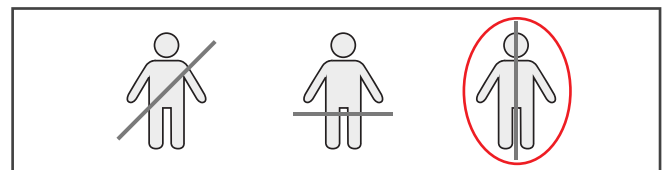
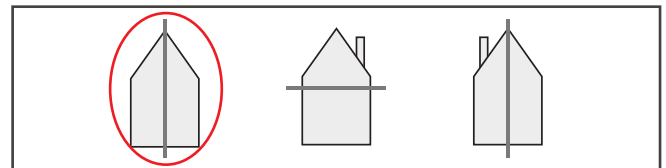
a. $62 + 25 = 87$ b. $74 + 15 = 89$

- 3 Write the answer. Draw jumps on the number line to show your thinking.



FRACTIONS & DECIMALS

- 4 Loop the pictures that show 2 equal parts.



MONEY & FINANCIAL MATHEMATICS

- 5 Use tallies to show 2 different ways * to pay the exact amount for each item.

• \$36

• \$23

NUMBER & ALGEBRA

USING UNITS OF MEASUREMENT

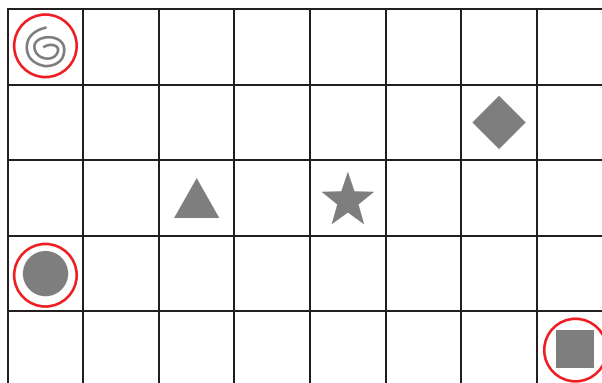
6 Look at this calendar




August						
S	M	T	W	Th	F	S
			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	

- a. Michelle's birthday is on the 3rd Wednesday in August. What date is it? **15th**
- b. Gemma has a tennis lesson every Friday. How many lessons will she have in August? **5**
- c. What day is 31 July? **Tuesday**

LOCATION & TRANSFORMATION

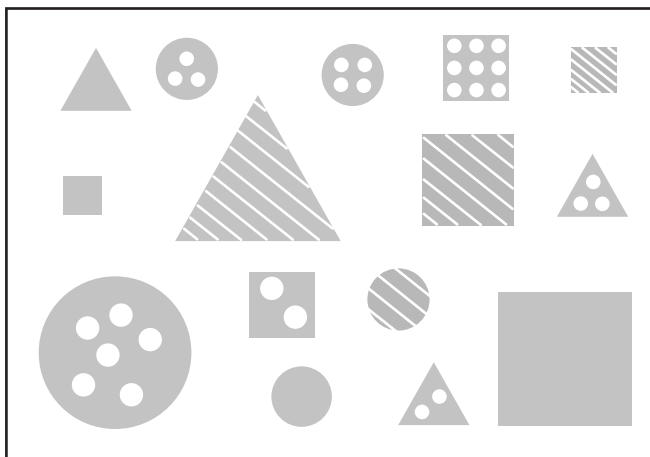
7 Begin at the star. Follow each path and draw what you find.






- a. Right 1, down 1, left 5 
- b. Up 2, right 3, down 4 
- c. Down 2, left 3, up 4, left 1 

DATA REPRESENTATION & INTERPRETATION

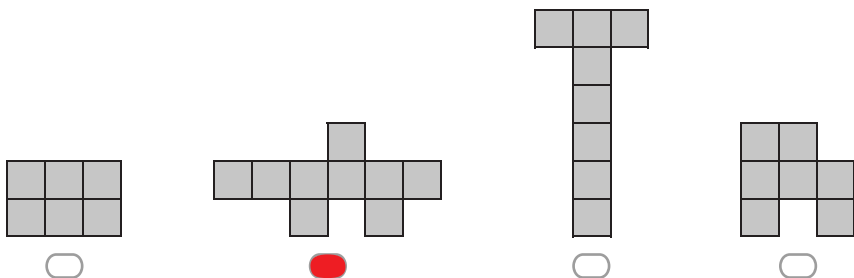
8 You can sort these by their pattern or shape. Complete the 2 tally charts to show both ways.




Shape	Tally	Total
		4
	I	6
		5

Pattern	Tally	Total
spots	II	7
stripes		4
plain		4

Which shape below has the greatest number of squares?



Colour one bubble. 

NAME _____

MENTAL MATHS

ADDITION & SUBTRACTION

$4 + 9 = 13$	$5 + 20 = 25$	$12 + 21 = 33$	$14 - 9 = 5$	$12 - 6 = 6$
$24 + 20 = 44$	$7 + 3 = 10$	$33 + 11 = 44$	$10 - 10 = 0$	$18 - 1 = 17$
$19 + 2 = 21$	$8 + 9 = 17$	$14 + 20 = 24$	$16 - 8 = 8$	$17 + 2 = 19$
$8 + 12 = 20$	$11 + 2 = 13$	$25 + 12 = 37$	$13 - 9 = 4$	$10 - 1 = 9$
$25 + 25 = 50$	$4 + 6 = 10$	$32 + 22 = 54$	$15 - 1 = 14$	$9 + 6 = 15$

NUMBER & PLACE VALUE

1 Write the numbers missing from these pieces of hundred board.

2 Complete each . Write the fact family.

$5 + 9 = 14$	
$9 + 5 = 14$	
$14 - 5 = 9$	
$14 - 9 = 5$	

$9 + 6 = 15$	
$6 + 9 = 15$	
$15 - 9 = 6$	
$15 - 6 = 9$	

3 How many students will you need to show each group of fingers? 10

a. 50 fingers **5** c. 75 fingers **8**
 b. 80 fingers **8** d. 95 fingers **10**

MONEY & FINANCIAL MATHEMATICS

4 Use tallies to show 2 different ways to pay the exact amount for each item.

	50c	20c	10c	5c
• 70c				

	50c	20c	10c	5c
• 45c				

PATTERNS & ALGEBRA

5 a. Colour the shapes to show a repeating pattern.

b. Write numbers to show the same pattern another way.

1 2 2 3 3 3 1 2 2 3 3 3

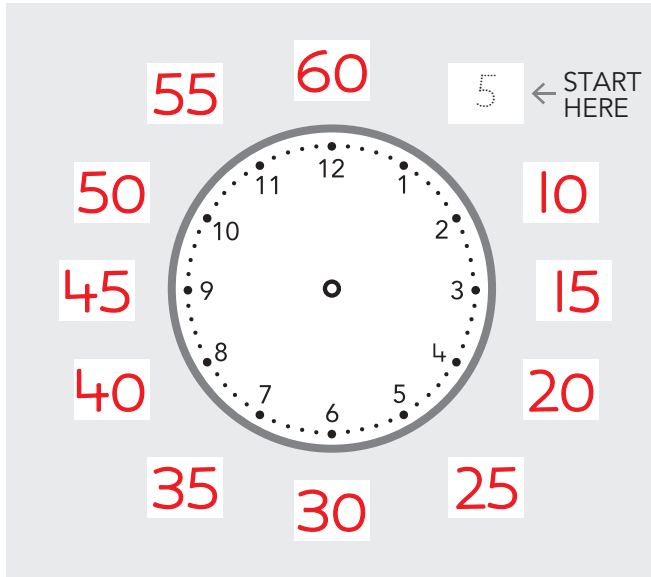
An **addition fact family** includes an addition fact, its turnaround fact, and the 2 related subtraction facts.

* Answers will vary. This is one example.

MEASUREMENT & GEOMETRY

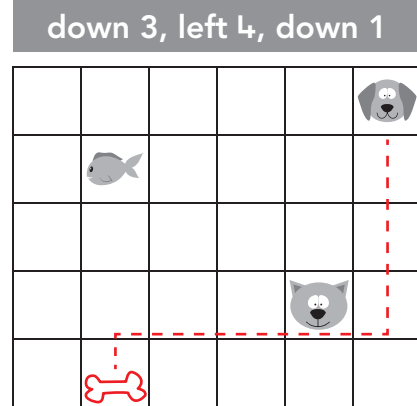
USING UNITS OF MEASUREMENT

- 6 Count in steps of 5.
Write the numbers you say.



LOCATION & TRANSFORMATION

- 7 a. Follow the directions to help the dog find a bone. Draw the bone at the end of the path.



- b. Write directions for the cat to find the fish.

* up 2, left 3

STATISTICS & PROBABILITY

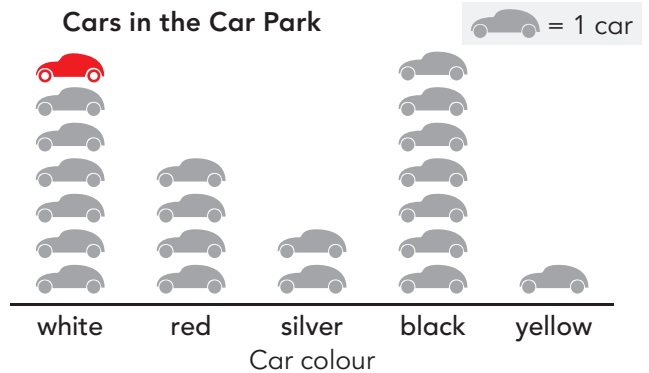
CHANCE *

- 8 Finish the sentences to make them true.

- a. This afternoon it is unlikely that I will
have a nap.
- b. Tonight it is certain I will
eat dinner with family.
- c. It is impossible for me to
go to Neptune.
- d. It is possible that I will
see a movie tonight.
- e. It is unlikely that I will
go to Disneyland.

DATA REPRESENTATION & INTERPRETATION

- 9 Students recorded the colour of cars in the car park. This picture graph shows what they recorded.

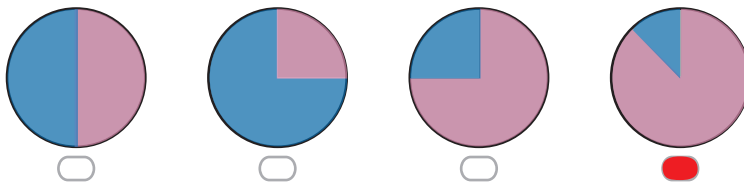


- a. Which colour was seen most? **black**
- b. Draw another car so that black and white are the same.
- c. Which two colours make a total of 5?

red **yellow**

TESTER

Which spinner has the best chance of landing on pink?



PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

MENTAL MATHS

ADDITION & SUBTRACTION

$13 + 13 = 26$	$34 + 20 = 54$	$5 + 11 = 16$	$29 - 9 = 20$	$15 - 9 = 6$
$20 + 20 = 40$	$19 + 10 = 29$	$12 - 6 = 6$	$45 - 12 = 33$	$12 - 9 = 3$
$14 + 14 = 28$	$53 = 33 + 20$	$18 - 2 = 16$	$19 - 12 = 7$	$14 - 5 = 9$
$21 + 21 = 42$	$58 = 48 + 10$	$2 + 7 = 9$	$18 - 10 = 8$	$18 - 9 = 9$
$15 + 15 = 30$	$75 = 20 + 55$	$6 + 6 = 12$	$50 - 10 = 40$	$13 - 9 = 4$

NUMBER & PLACE VALUE

1 Use all of these digits. Make these numbers. **5 8 0**

The least number possible **508**

The greatest number possible **850**

A number with 8 in the ones place **508**

NUMBER & ALGEBRA

2 Add the tens then the ones. Write the answer. Draw jumps on the number line to show your thinking.


$46 + 28 = 74$

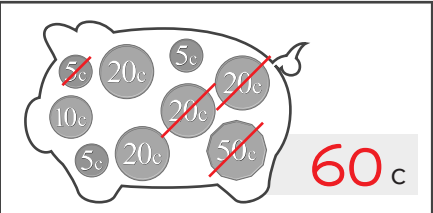
$37 + 56 = 93$


$59 + 24 = 83$

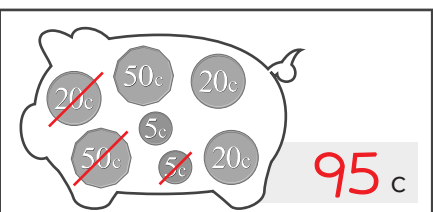
MONEY & FINANCIAL MATHEMATICS

3 Cross out the coins you would use to buy the toy. Write the amount left in the piggy bank.

 **95c**

 **60c**

 **75c**

 **95c**

PATTERNS & ALGEBRA

4 Write the missing parts in each pattern.

22, 33, **44**, **55**, **66**, 77, **88**, **99**

fish, cat, dog, fish, **cat**, dog, **fish**

98, 87, 76, **65**, **54**, **43**, 32, **21**, **10**

1, **4**, **5**, 1, 4, **5**, 1, 4, 5, 1

5 In the 2 repeating patterns above, loop the part that **repeats**.

i In **repeating patterns**, the repeating part does not change. For example, in the pattern **▲■▲■▲■▲■▲■▲■▲■**, the repeating part is **▲■**.

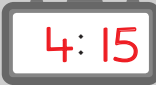
* Answers will vary. This is one example.

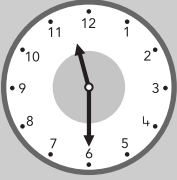
USING UNITS OF MEASUREMENT

6 Write the time on the digital clock. Then write the time as **minutes past**.



 30 minutes past **7**

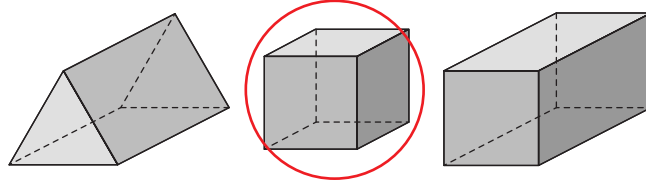


 15 minutes past **4**



 30 minutes past **11**

SHAPE

7 a. Loop the cube.



- b. What is something that *** looks like a cube?** **box, die**
- c. A cube has **6** surfaces.
- d. Draw a ✓ beside **each** true sentence.
- It can roll.
 - It can stack.
 - It has all flat surfaces.
 - It has some curved surfaces.

CHANCE

8 Look at these 4 coins.



a. Write all the different totals you can make using any 2 of the coins.

15c **30c**
25c **60c**
55c **70c**

b. Use tallies to show the results in this table.

Coin Combinations	
Totals less than 50c	
Totals 50c and more	

DATA REPRESENTATION & INTERPRETATION

9 Look at this two-way sorting table.


	Students in a Year 2 Class	
	Boys	Girls
Black hair		
Brown hair		
Blonde hair		
Red hair		

- a. How many girls in Year 2 have blonde hair? **8**
- b. How many students in Year 2 have black hair? **7**
- c. How many more students have brown hair than red hair? **4**
- d. How many fewer students have black hair than blonde hair? **6**

There are 19 students in a class. Hollie's mum wants to buy an iceblock for each student. What is the least number of boxes she needs to buy?

4 boxes



Write your answer in the box. 

NAME _____

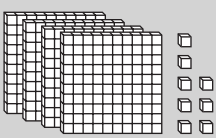
MENTAL MATHS

ADDITION & SUBTRACTION

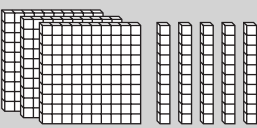
$14 + 2 = 16$	$35 + 35 = 70$	$5 + 5 = 10$	$12 - 6 = 6$	$16 - 8 = 8$
$17 + 7 = 24$	$40 + 40 = 80$	$2 + 7 = 9$	$13 + 2 = 15$	$14 - 9 = 5$
$16 + 9 = 25$	$45 + 45 = 90$	$9 + 1 = 10$	$20 - 9 = 11$	$13 - 3 = 10$
$32 + 8 = 40$	$25 + 25 = 50$	$18 - 2 = 16$	$10 - 0 = 10$	$17 - 2 = 15$
$18 + 11 = 29$	$15 + 15 = 30$	$9 + 4 = 13$	$10 + 10 = 20$	$18 - 9 = 9$

NUMBER & PLACE VALUE

1 Look at the blocks. Write the number on the expander. Then write the number.



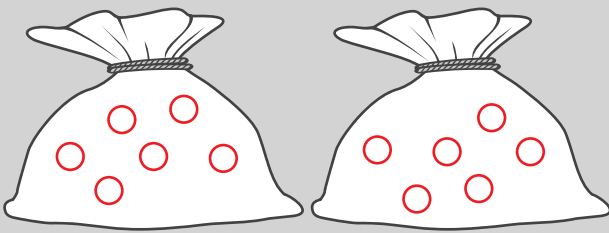
4 hundreds 0 8
408



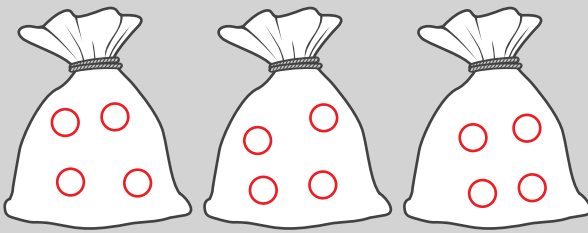
3 hundreds 5 0
350

2 Draw the groups. Then complete the sentence.

2 groups of 6 is 12



3 groups of 4 is 12



FRACTIONS & DECIMALS

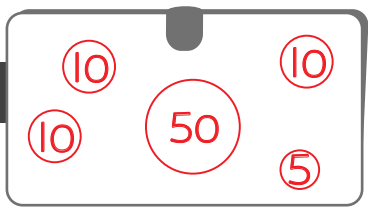
3 Complete these sentences.

- One-half is 10, so the total is 20.
- One-half is 7, so the total is 14.
- One-half is 9, so the total is 18.
- One-half is 2, so the total is 4.
- One-half is 20c, so the total is 40c.
- One-half is 3, so the total is 6.
- One-half is 6, so the total is 12.
- One-half is 5c, so the total is 10c.

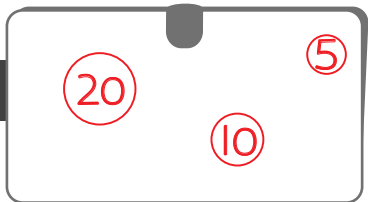
MONEY & FINANCIAL MATHEMATICS

4 Draw coins in the purse to match the amount.

* 85c



35c



i Fractions describe **equal** parts of one whole. For example, when one whole is divided into 2 equal parts, the fraction **one-half** describes one of those equal parts.

* Answers will vary. This is one example.

MEASUREMENT & GEOMETRY

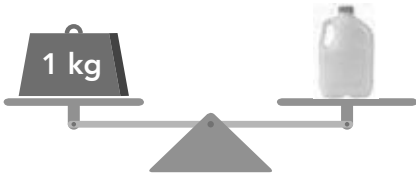
USING UNITS OF MEASUREMENT

5 Copy the label that best describes how much the object weighs.

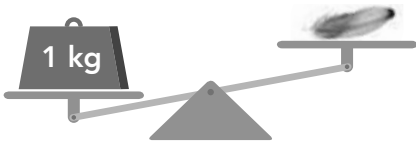
less than

equal to

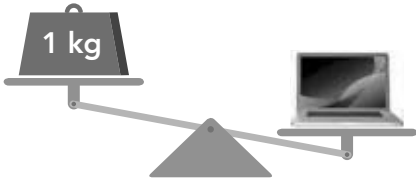
more than



The milk is **equal to** 1 kilogram.



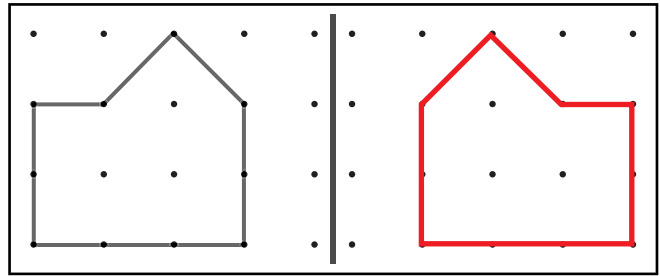
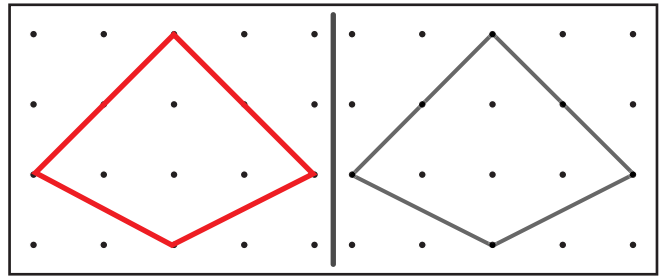
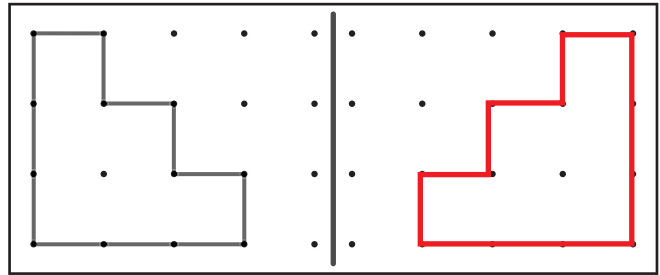
The feather is **less than** 1 kilogram.



The laptop is **more than** 1 kilogram.

LOCATION & TRANSFORMATION

6 Draw the reflection of each shape on the other side of the blue line.



STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

7 This graph shows the times these students get out of bed in the morning.

When We Get Out of Bed

			Ryley
	Pippa		Mitchel
	Lucy		Mackenzie
	Thomas	Chelsy	Miranda
	Tara	Grace	Reed
Harry	Levi	Alex	Nelson
Jack	Jay	Kira	Kristie

5:30

6:00

6:30

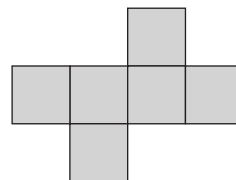
7:00

- What time does Grace get out of bed? **6:30**
- How many students get out of bed at 7 o'clock? **7**
- Why do you think only two students get out of bed at 5:30?
* **because it's very early!**
- Pippa gets out of bed at 6 o'clock. Write her name in the graph.
- What time do most students get out of bed? **7 a.m.**

TESTER

Which 3D object will this net make when folded?

- pyramid prism
 cylinder cube



Colour one bubble.



PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

MENTAL MATHS



ADDITION & SUBTRACTION

$8 + 9 = 17$	$7 + 7 = 14$	$5 + 5 = 10$	$12 - 6 = 6$	$24 - 10 = 14$
$14 + 2 = 16$	$4 + 6 = 10$	$15 - 2 = 13$	$10 - 7 = 3$	$17 - 10 = 7$
$9 = 6 + 3$	$15 + 2 = 17$	$7 + 3 = 10$	$11 - 9 = 2$	$41 - 10 = 31$
$13 = 7 + 6$	$8 + 8 = 16$	$9 + 7 = 16$	$20 - 2 = 18$	$65 - 10 = 55$
$9 = 4 + 5$	$13 + 2 = 15$	$14 - 1 = 13$	$18 - 9 = 9$	$78 - 10 = 68$

NUMBER & PLACE VALUE

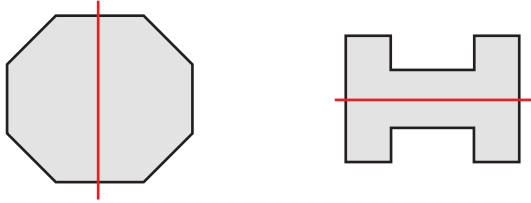
1 Complete each sentence.
You can use real objects to help.

2 groups of 4 is 8 .	10 shared by 2 is 5 .
2 groups of 6 is 12 .	18 shared by 2 is 9 .
2 groups of 8 is 16 .	14 shared by 2 is 7 .

	50 20
	20 20 20 10
	50 20 20
	20 20 20 20 10


FRACTIONS & DECIMALS

2 Draw a line to cut each shape into 2 equal parts.



MONEY & FINANCIAL MATHEMATICS

3 Draw coins to show 2 different ways to pay the exact amount for each item.

	50 20 10 5
	20 20 20 20 5

PATTERNS & ALGEBRA

4 Write or draw the missing parts in each pattern.

34 , 32 , 30 , 28 , 26, 24, 22, 20
A , B, C, A, B , C , A, B, C, A B, C
19 , 29 , 39 , 49, 59 , 69, 79, 89, 99
6 + 6, 5 + 7, 4 + 8, 3+9 , 2+10 , 1+11
△ ○ □ ○ △ △ ○ □ ○ △ △ ○ □ ○ △
ABA, ABB, ABC, ABD, ABE , ABF , ABG

5 In the 2 repeating patterns above, loop the part that repeats.

i In **growing patterns**, each part increases or decreases in some way that does not change. For example, in the pattern 50, 40, 30, 20, 10, each part is decreasing by 10.

* Answers will vary. This is one example.

USING UNITS OF MEASUREMENT

6 a. Write the month that comes **just before** and **just after**.

April	May	June
December	January	February
September	October	November
February	March	April
June	July	August
November	December	January
January	February	March

b. Loop the months above that have 30 days.

LOCATION & TRANSFORMATION

7 Draw 3 reflections of each letter or shape to show a mirror pattern.

B	B	B	B
E	E	E	E
G	G	G	G
L	L	L	L
△	△	△	△

CHANCE *

8 Colour the spinners to match each label.

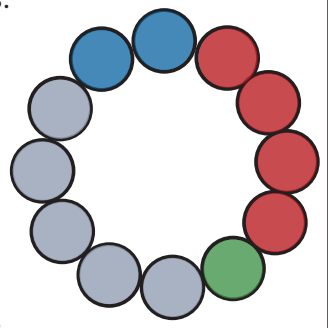
There is an equal chance of spinning red and blue.

Red is most likely.

DATA REPRESENTATION & INTERPRETATION

9 Some students were asked to vote for their favourite colour. This pie chart shows their answers.

- a. What was the most popular colour?
Purple
- b. How many students were asked to vote?
12



There are 14 **pairs** of wet shoes outside the classroom. How many shoes are there altogether?

- 28 7 14 21

Colour one bubble.

NAME _____

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

- 1 Write the total. Draw jumps on the number line to show your thinking.

$37 + 25 = 62$

- 2 Write the difference. Draw jumps on the number line to show your thinking.

$85 - 27 = 58$

- 3 Draw a picture to match. Then write the answer.

2 rows of 9 is **18** 6 rows of 2 is **12**

- 4 Complete the sentences.

16 shared by 2 is **8**. 8 shared by 2 is **4**

FRACTIONS & DECIMALS

- 5 Colour one-half of each shape.

*

- 6 Colour one-quarter of each shape.


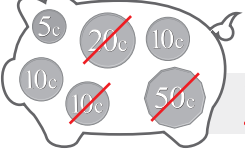
*

MONEY & FINANCIAL MATHEMATICS

- 7 Draw coins to show 2 different ways to pay the exact amount for each item.

	20 10 5
35c	10 10 10 5
	50 20 20 5
95c	20 20 20 20 10 5

- 8 Cross out the coins you would use to buy the item. Write the amount **left** in the piggy bank.

  **25** c

PATTERNS & ALGEBRA

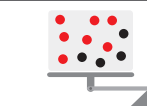



- 9 Write or draw the missing numbers in each pattern.

29, **31**, **33**, **35**, 37, 39, 41, **43**
1, **11**, **21**, 31, **41**, 51, 61, 71, **81**

- 10 Write numbers to show +5 pattern.

27, **32**, **37**, **42**, **47**, **52**, **57**, **62**

- 11 Draw more ● to balance the total. Then write an addition sentence to match.

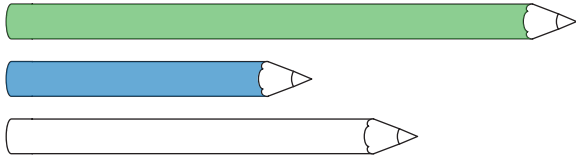
 11 in total	 12 in total
4 + 7 = 11	12 = 7 + 5
 18 in total	 16 in total
9 + 9 = 18	16 = 9 + 7

* Answers will vary. This is one example.

USING UNITS OF MEASUREMENT

12 Write the time on the clock.
Then write the **minutes past** time.

13 Colour the shortest pencil blue.
Colour the longest pencil green.



14 Choose and copy the label that best describes how much the object weighs.

less than equal to more than

The bag is **equal to** 1 kilogram.

The cat is **more than** 1 kilogram.

15 Write the month **just before** and **just after**.

March April May

August September October

SHAPE

16 Draw a line from each to object to a true label below.

17 Draw the top view of this object.

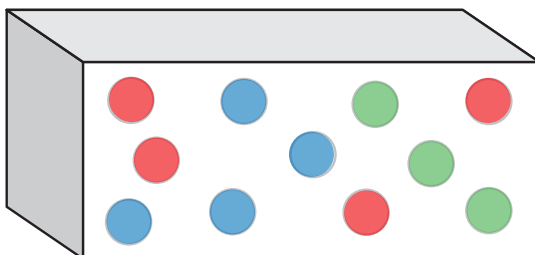
LOCATION & TRANSFORMATION

18 Draw 4 reflections of the letter to make a mirror pattern.

CHANCE

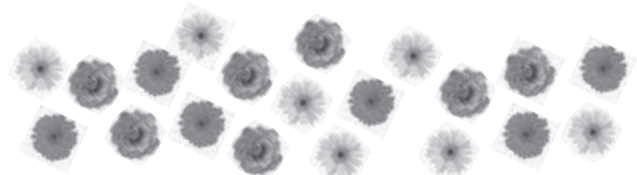
19 Colour marbles in the box to match these clues.

- * Green is less likely than blue.
- Red is more likely than green.
- Blue and red are equally likely.
- Orange is impossible.



DATA REPRESENTATION & INTERPRETATION

20 Sort the flowers by colour.
Complete the table to show your sorting.



Colour	Tally	Total
red	I	6
yellow	II	7
purple	II	7