

Year 2
Maths TAF Evidence
Book
2018-19

Name: _____

Contents

Page	Statement	Completed?
Working Towards		
4	Read and write numbers up to 100	<input type="checkbox"/>
5	Partition a two-digit number into T and O	<input type="checkbox"/>
6	Add and subtract two-digit numbers and O's, and two-digit numbers and T's, no regrouping	<input type="checkbox"/>
7	Recall at least four of the six number bonds to 10 and reason about associated facts	<input type="checkbox"/>
8	Count in 2's from 0 and solve problems	<input type="checkbox"/>
9	Count in 5's from 0 and solve problems	<input type="checkbox"/>
10	Count in 10's from 0 and solve problems	<input type="checkbox"/>
11	Know the value of different coins	<input type="checkbox"/>
12	Name some common 2D and 3D shapes and describe their properties	<input type="checkbox"/>
Expected		
13	Read scales in 1's, 2's, 5's and 10's	<input type="checkbox"/>
14	Partition any two-digit number into different combinations of T and O	<input type="checkbox"/>
15	Add and subtract any 2 two-digit numbers	<input type="checkbox"/>
16	Recall all number bonds to and within 10 and use these to reason with and calculate bonds to 20 e.g. $7+3=10$, $17+3=20$	<input type="checkbox"/>
17	Recall multiplication and division facts for 2's, 5's and 10's and solve problems and demonstrate an understanding of commutativity	<input type="checkbox"/>
18	Identify $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{2}$, $\frac{2}{4}$, $\frac{3}{4}$ of a number or shape	<input type="checkbox"/>
19	Use different coins to make the same amount	<input type="checkbox"/>
20	Read the time on a clock to 15 minutes	<input type="checkbox"/>

- 21-22 Name and describe properties of 2D and 3D shapes, including number of sides, vertices, edges, faces and lines of symmetry

Greater Depth

- 23 Read scales where not all numbers are given and estimate points in between
- 24 Recall and use \times and \div facts for 2, 5 and 10 and make deductions outside known \times facts
- 25 Use reasoning about numbers and relationships to solve more complex problems and explain their thinking
- 26 Solve unfamiliar word problems that involve more than one step
- 27 Read the time on a clock to 5 minutes
- 28 Describe similarities and differences of 2D and 3D shapes, using their properties

Date: _____

To read and write numbers to 100.

Complete the number sequences.

0, 1, 2, _____, 4, _____, _____

30, _____, 32, 33, _____, _____, 36

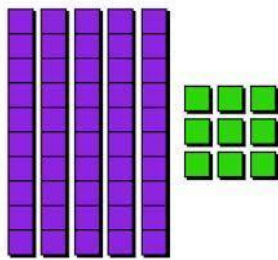
11, 12, _____, _____, 15, _____, 17

80, 79, _____, _____, 76, _____, 74

Draw the number 49.

Draw the number 26.

Circle the number that matches the picture.



95 43 59 21 87

What number is shown here?



Fill in the missing boxes.

14	
	forty-one
	sixty-three
79	
8	

Match the correct number to the word.

19	forty-three
43	ninety-one
72	nineteen
91	seventy-two

Date: _____

To partition a two-digit number into tens and ones.

Draw each of these numbers in tens and ones.

32

23

64

19

Circle the number with **more** tens.

26 76 86

Circle the number with **less** ones.

41 86 32

Explain why the green number is bigger.

23 < 96

96 is _____ than 23.

It has _____ more tens.

It has _____ more ones.

Draw each of these numbers in tens and ones.

45

13

78

54

Put these numbers in order from **smallest to largest**.

23 45 17 6 96 54

Put these numbers in order from **largest to smallest**.

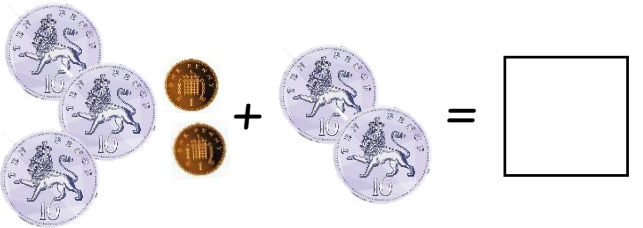
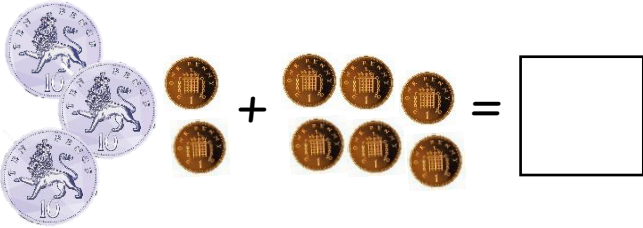
9 14 66 75 96 41

Fill in the missing numbers.

34	35			38
44		46		48
	55		57	
64			67	

To add and subtract a two-digit number and ones/tens.

Calculate the answers.



Calculate the answers.

$63 + 5 = \underline{\quad}$	$47 - 4 = \underline{\quad}$
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$21 + 40 = \underline{\quad}$	$39 - 20 = \underline{\quad}$
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Calculate the answers.

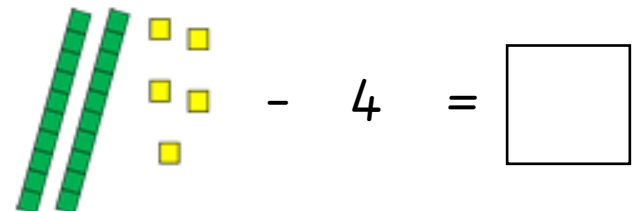
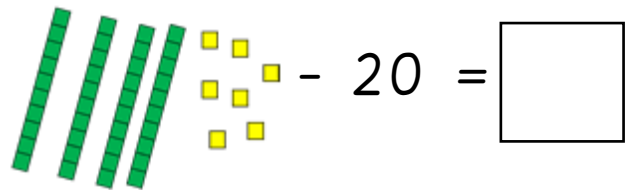
A banana costs 23p and an apple costs 10p.
What is the total?



A book costs 98p. The shopkeeper gives you
7p off. What is the cost of the book now?



Calculate the answers.



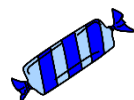
Calculate the answers.

$41 + 8 = \underline{\quad}$	$69 - 5 = \underline{\quad}$
------------------------------	------------------------------

$38 + 20 = \underline{\quad}$	$92 - 50 = \underline{\quad}$
-------------------------------	-------------------------------

Calculate the answers.

A sweet costs 41p and a chocolate costs 8p.
What is the total?

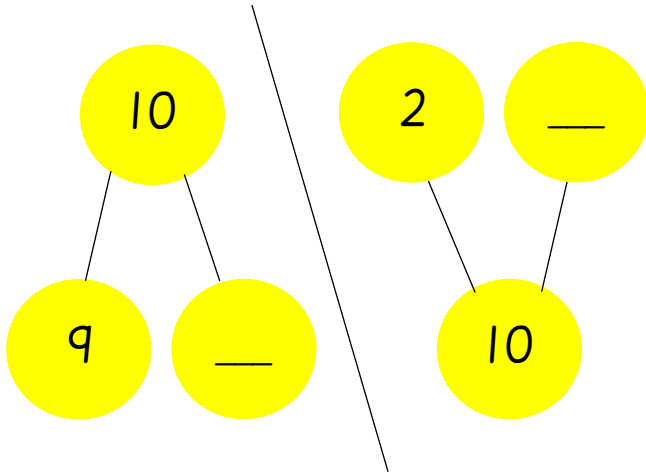


A pencil costs 63p. The shopkeeper gives you
30p off. What is the cost of the pencil now?

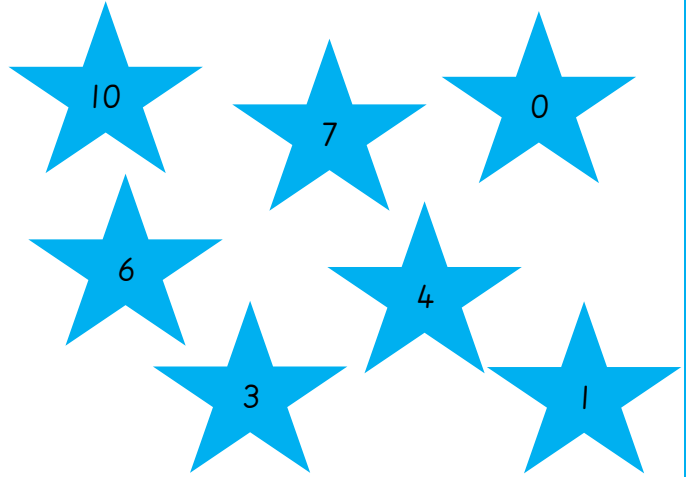


To recall four of the six number bonds to 10.

Complete the part whole models.



Circle two numbers that make 10.



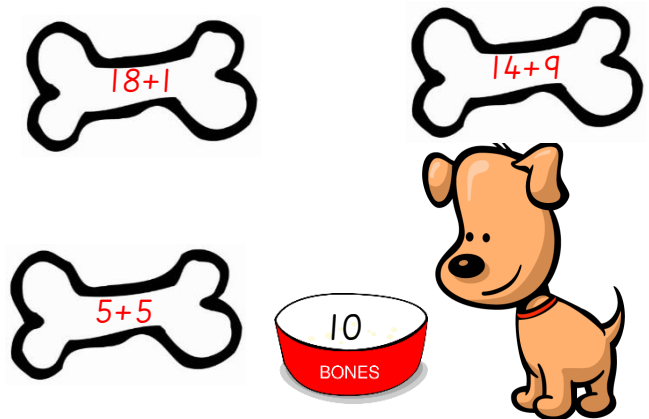
To open the safe, both numbers must add together to make 10. What numbers could open the safe?



If $8+2=10$, what else do you know?

If $6+4=10$, what else do you know?

Which bone does the dog need to eat to match the number on his food bowl?



Date: _____

To count in 2s from 0.

Complete the number sequences.

0, 2, 4, _____, 8, _____, _____

8, _____, 12, 14, _____, _____, 20

11, 13, _____, _____, 19, _____, 23

32, 30, _____, _____, 24, _____, 20

Circle the multiples of 2.

13 14 6 17 20

4 23 32 11 10

What do you notice about the multiples of 2?

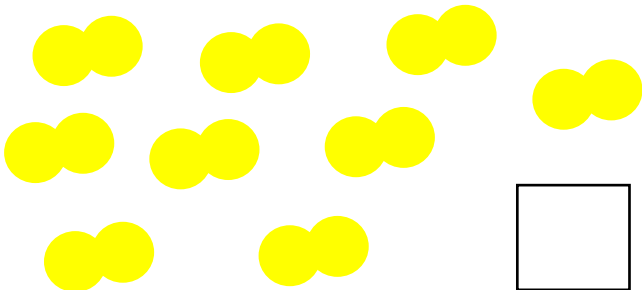
How much money is there?



Write a number sentence to show how many legs 4 chickens have.

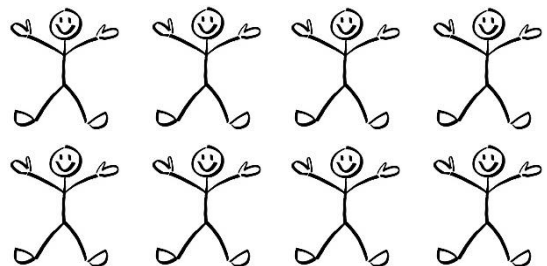


How many circles are there?



How did you count them all?

How many socks do you need for 8 people?



socks.

Date: _____

To count in 5s from 0.

Complete the number sequences.

0, 5, 10, _____, 20, _____, _____

15, _____, 25, 30, _____, _____, 45

21, 26, _____, 36, 41, _____, 51

50, 45, _____, _____, 30, _____, 20

Circle the multiples of 5.

15 14 6 45 20

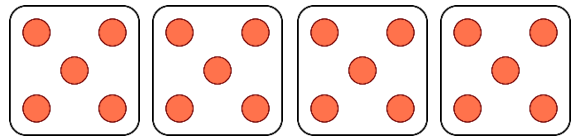
5 23 35 11 10

What do you notice about the multiples of 5?

How much money is there?



Write a number sentence to show how much the dice are worth altogether.

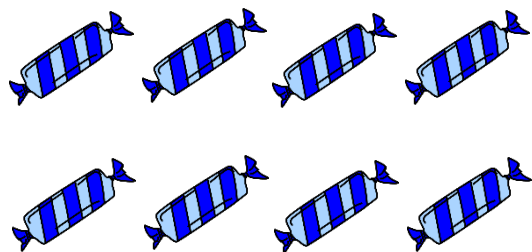


How many points of the stars are there?



How did you count them all?

Each sweet is worth 5p. What is the total of 8 sweets?



Date: _____

To count in 10s from 0.

Complete the number sequences.

0, 10, 20, _____, 40, _____, _____

30, _____, 50, 60, _____, _____, 90

11, 21, _____, _____, 51, _____, 71

80, 70, _____, _____, 40, _____, 20

Circle the multiples of 10.

30 14 6 17 20

4 80 40 11 10

What do you notice about the multiples of 10?

How much money is there?



Each book costs 10p. Write a number sentence to how much four books are altogether.

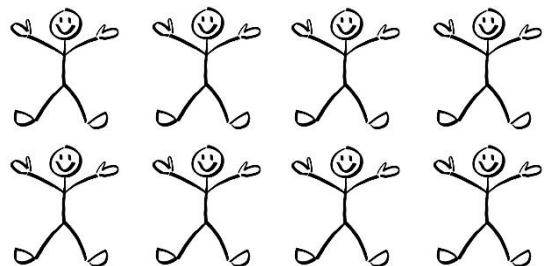


How many toes are there?



How did you count them all?

How many fingers do 8 people have altogether?

 fingers.

Date: _____

To know the value of different coins.

Match the coin to the correct value.



2p



5p



1p



10p

Match the coin to the correct value.



£2



20p



50p



£1

Circle the coin with the highest value.



Circle the coin with the lowest value.



Circle the coins you will need to make 15p.



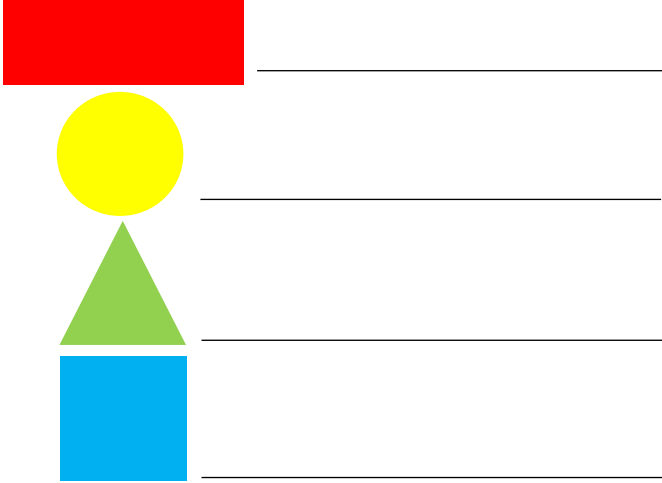
Circle the coins you will need to make 23p.



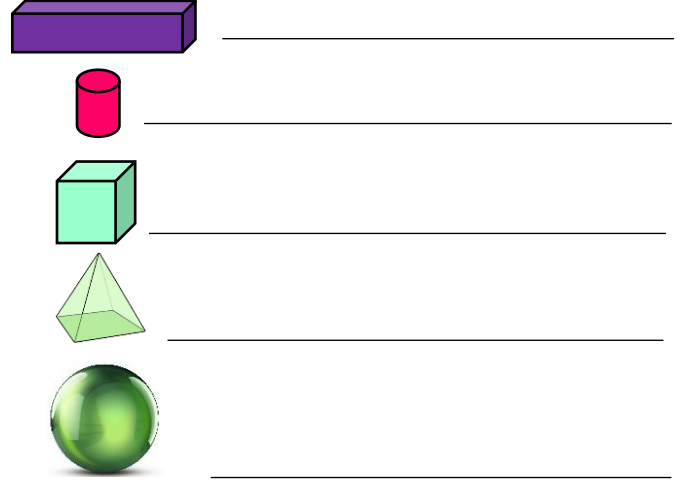
Date: _____

To recognise and name 2D and 3D shapes.

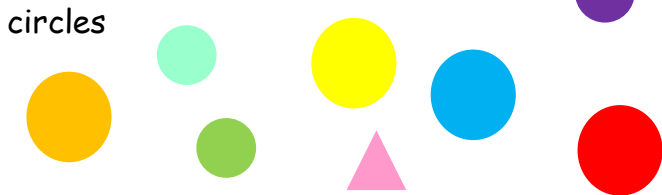
Write the name of each shape.



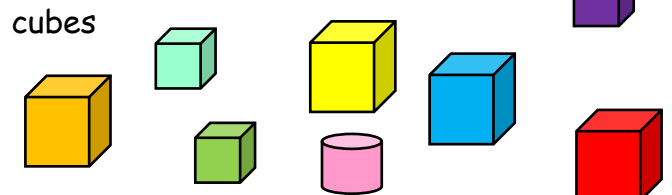
Write the name of each shape.



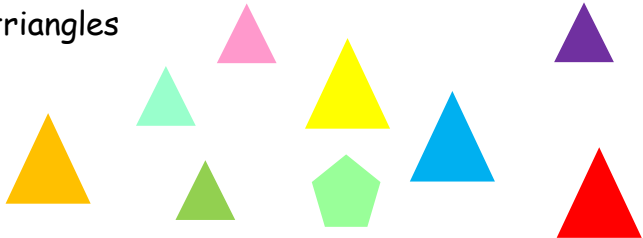
Circle the shape that does not belong in each group.



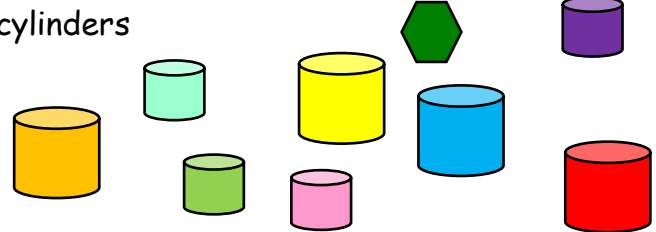
Circle the shape that does not belong in each group.



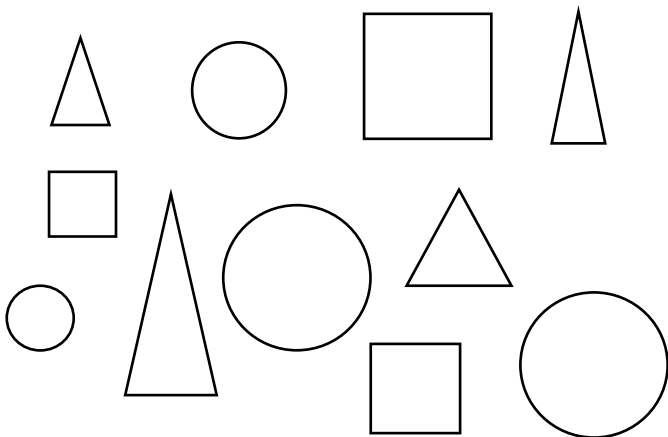
triangles



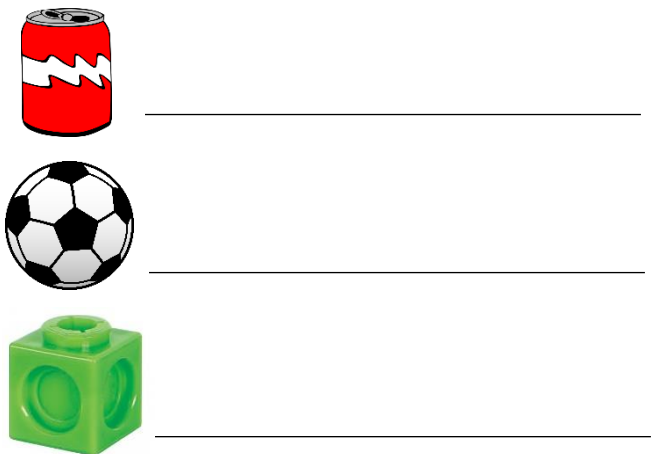
cylinders



Colour the triangles green, the circles yellow and squares red.

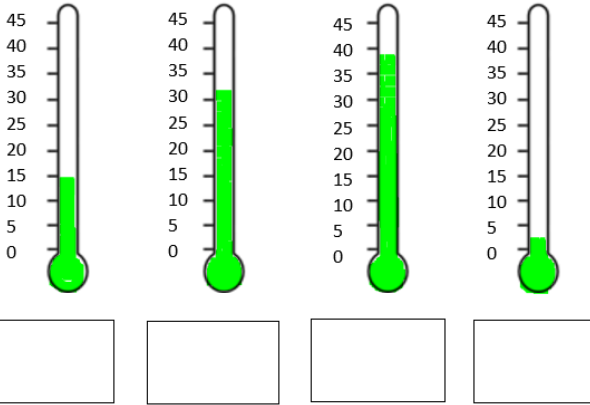


Write the name of the 3D shape you can see.

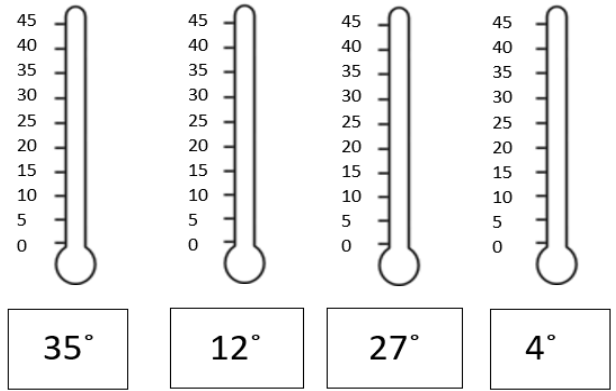


To read scales in 1's, 2's, 5's and 10's.

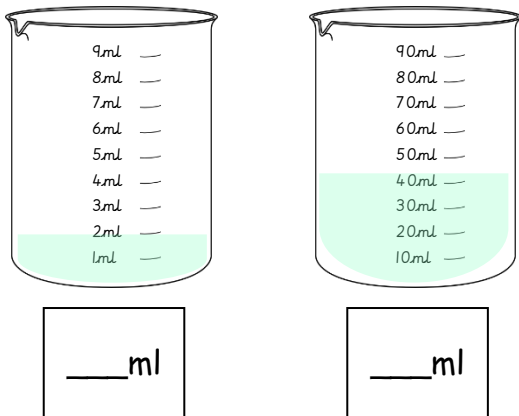
Write the temperature for each thermometer.



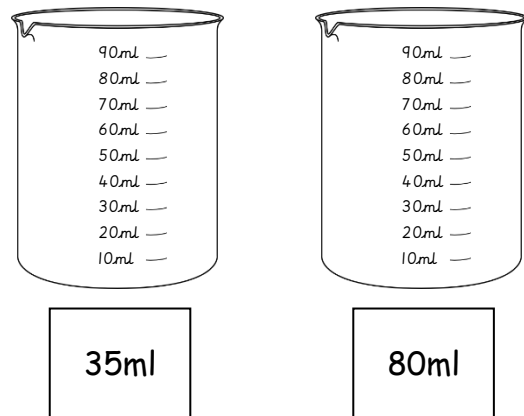
Draw the temperature for each thermometer.



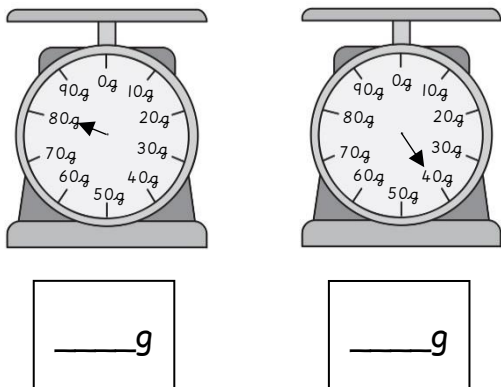
Write the amount of liquid in each container.



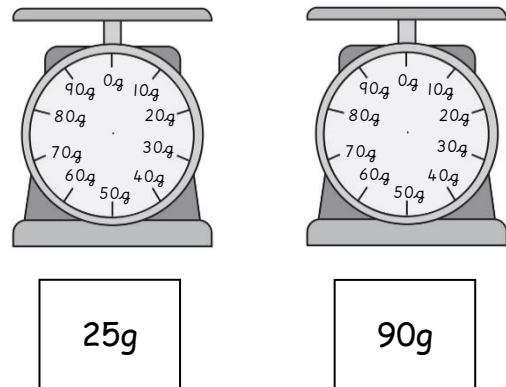
Shade in the measuring jug with the correct amount of liquid.



Write the weight on each of the scales.

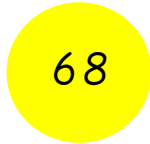


Draw an arrow on each scale to match the correct weight.



To partition two-digit numbers into tens and ones.

Continue the pattern.

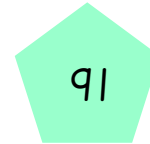


$$60 + 8 = 68$$

$$50 + 18 = 68$$

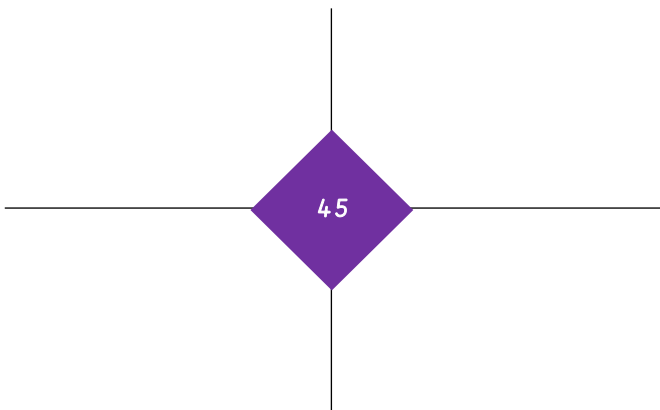
$$40 + 28 = 68$$

Continue the pattern.



9 tens and 1 one
 8 tens and 11 ones
 7 tens and 21 ones
 6 tens and 31 ones

Draw this number in four different ways.



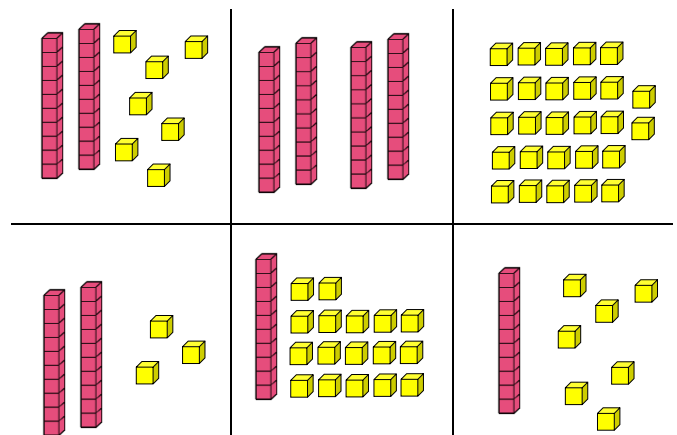
True or false?

- 32 = 3 tens and 2 ones ()
 45 = 3 tens and 15 ones ()
 17 = 1 ten and 17 ones ()
 60 = 6 tens and 60 ones ()
 28 = 28 ones ()
 91 = 9 tens and 1 one ()
 53 = 4 tens and 23 ones ()
 74 = 1 ten and 64 ones ()
 86 = 86 ones ()

Match the number to the correct sentence.

- | | |
|----|--------------------|
| 29 | 2 tens and 23 ones |
| 43 | 5 tens and 41 ones |
| 72 | 1 ten and 19 ones |
| 91 | 3 tens and 42 ones |

Circle the pictures that match 27.



To add 2 two-digit numbers within 100.

Calculate the answers.

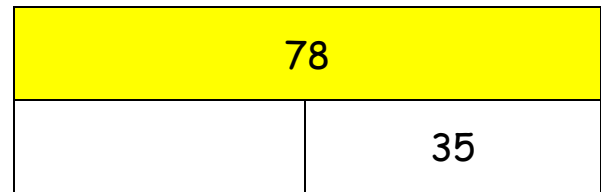
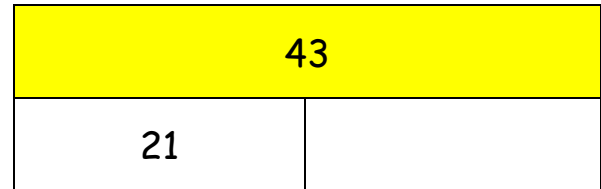
$63 + 25 = \underline{\quad}$

$47 + 52 = \underline{\quad}$

$21 + 47 = \underline{\quad}$

$16 + 33 = \underline{\quad}$

Complete the bar models.



Complete the missing number problems.

$45 + \square = 76$

$\square + 33 = 68$

$17 + \square = 99$

Calculate the answers.

$43 + 26 = \underline{\quad}$

$14 + 52 = \underline{\quad}$

$11 + 37 = \underline{\quad}$

$58 + 30 = \underline{\quad}$

Calculate the answers.

$13 + 87 = \underline{\quad}$

$47 + 22 = \underline{\quad}$

$61 + 37 = \underline{\quad}$

$18 + 40 = \underline{\quad}$

Calculate the answers.

A sweet costs 41p and a chocolate costs 48p. What is the total?



A pencil costs 63p and a book costs 27p. What is the total?



Date: _____

To recall all number bonds to and within 10 and reason.

Write all the number bonds <u>to</u> 10.	Write some number bonds <u>within</u> 10.
If $7 + 3 = 10$, then...	If $7 - 2 = 5$, then...
If $8 + 2 = 10$, then...	If $6 - 3 = 3$, then...

To recall and use multiplication and division facts.

Complete the missing number problems.

$$10 \times 9 = \square$$

$$8 \times \square = 40$$

$$12 = \square \times 2$$

Write two multiplication and two division calculations that you can make from these numbers:

14 7 2

Write two multiplication and two division calculations that you can make from these numbers:

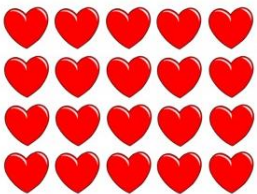
5 45 9

Calculate the answers.

A train carriage has 6 seats in a row. There are 10 rows. How many seats are there altogether?

Sam has 3 boxes of 10 pencils and Anna has 4 boxes of 5 pencils. Who has more?

Write two multiplication calculations for this array.



Can you write a repeated addition calculation to match the array?

Complete the missing number problems.

$$70 \div 10 = \square$$

$$35 \div \square = 5$$

$$9 = 18 \div \square$$

Date: _____

To identify fractions.

Calculate the answers.

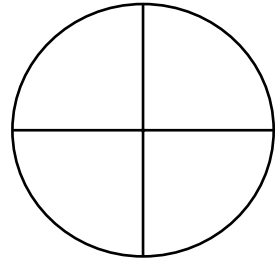
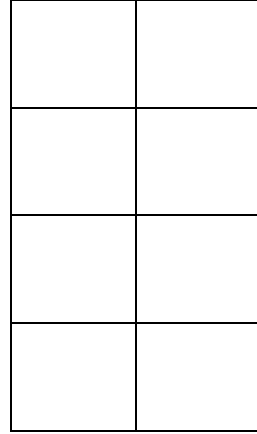
$\frac{1}{2}$ of 16 = _____

$\frac{1}{4}$ of 20 = _____

$\frac{1}{3}$ of 30 = _____

$\frac{3}{4}$ of 40 = _____

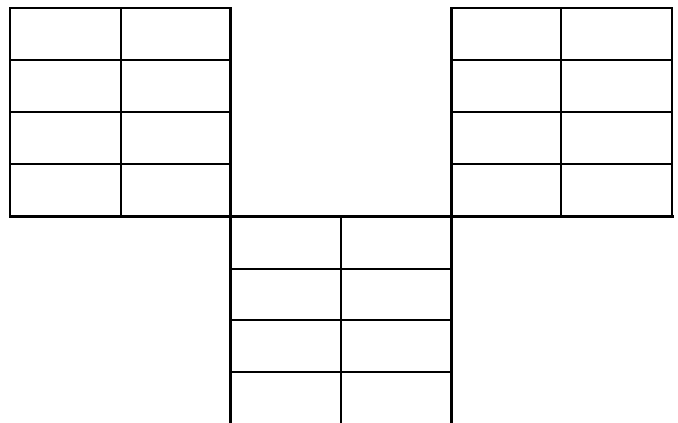
Shade in $\frac{1}{4}$ of these shapes.



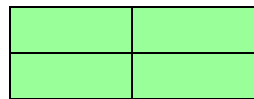
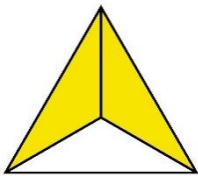
Rupert thinks $\frac{1}{4}$ of 32 = 7. Is he correct?



Shade in a half of these shapes in different ways.

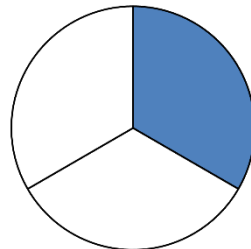


What fraction of the shapes are shaded in?



What is this fraction the same as?

Chloe has shaded in $\frac{2}{3}$ of this shape. Is she correct? Explain your answer.



Date: _____

To use different coins to make the same amount.

How many £1 coins do you need to make £10.



How many £2 coins do you need to make £20?



Circle three coins that make 80p.



Circle four coins that make 95p.



A fidget spinner costs 50p. Find four different ways to pay for it.



A football costs 73p. Find four different ways to pay for it.



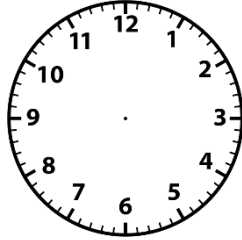
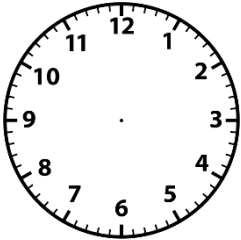
How many 20p coins do you need to make £1?

#how many 5p coins do you need to make 50p?

Date: _____

To read the time on a clock to the nearest 15 minutes.

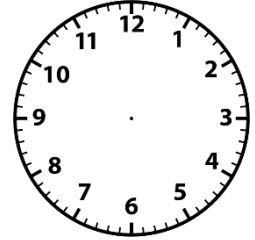
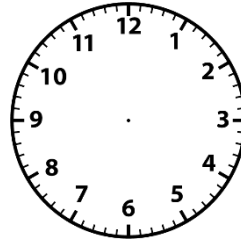
Draw the hands on the clock to show each time.



7 o'clock

3 o'clock

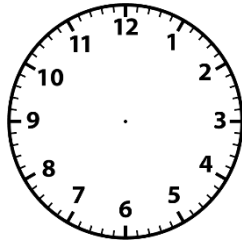
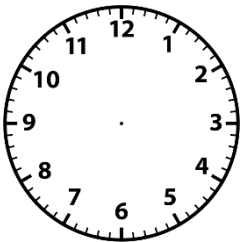
Draw the hands on the clock to show each time.



half past 5

half past 10

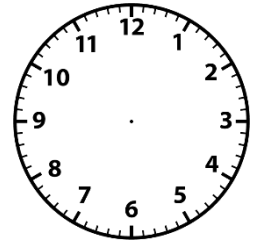
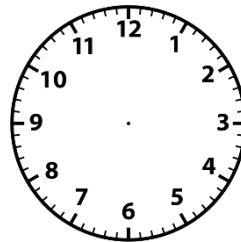
Draw the hands on the clock to show each time.



quarter past 2

quarter past 11

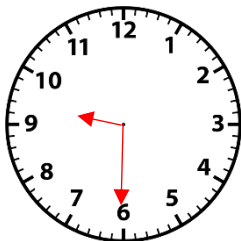
Draw the hands on the clock to show each time.



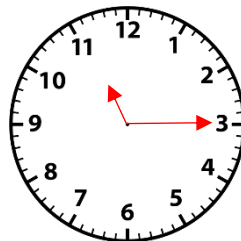
quarter to 8

quarter to 4

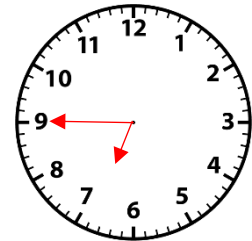
Are the times for each clock correct? If not, write the correct time underneath.



half past 12




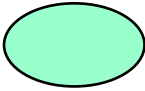





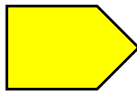
quarter past 11



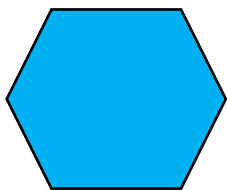
quarter to 7

Date: _____

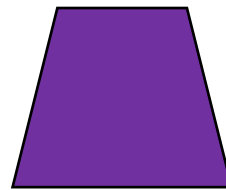
To describe properties of 2D shapes.

shape	name	properties	shape	name	properties
					
					
					
					

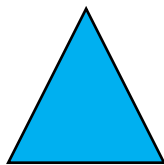
Write down everything you know about this shape.



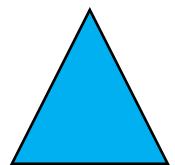
Write down everything you know about this shape.



Which shape is the odd one out? Explain your reason why.



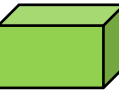



Which shape is the odd one out? Explain your reason why.




Date: _____


To describe properties of 3D shapes.

shape	name	properties
		
		
		
		


Write down everything you know about this shape.



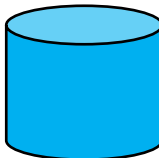


Write down everything you know about this shape.



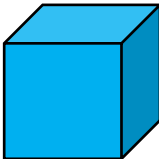
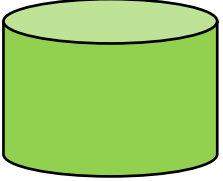

Write down everything you know about this shape.



Which shape is the odd one out? Explain your reason why.



Which shape is the odd one out? Explain your reason why.

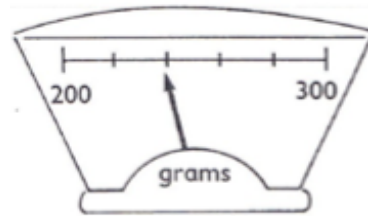


To read scales and estimate points in between.

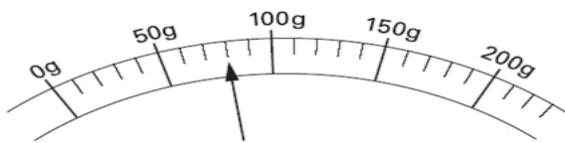
Read the scale and write the answer in the box.



Read the scale and write the answer in the box.

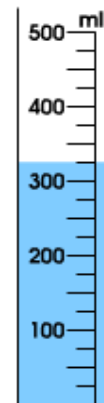


Read the scale and write the answer in the box.



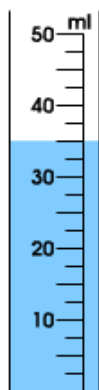
Draw a circle to estimate where 170g might be.

Read the scale and write the answer in the box.

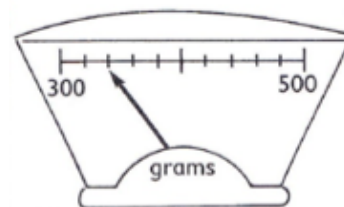


Draw a line to estimate where 410ml might be.

Read the scale and write the answer in the box.



Read the scale and write the answer in the box.



Date: _____

To use multiplication facts to make deductions.

<p>If I count in 10s, would I ever say 187? Explain your reason why.</p> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>Circle all the numbers in the 5 times tables. Explain your answers.</p> <p>10 43 67 95</p> <p>32 40 105 220</p> <p>85 75 140 108</p> <hr/> <hr/>						
<p>True or false? Explain</p> <p>$2 \times 83 = 167$</p> <hr/> <hr/> <hr/> <hr/>	<p>Write each number in the correct box.</p> <table border="1" data-bbox="810 974 1487 1249"><thead><tr><th>2s</th><th>5s</th><th>10s</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr></tbody></table> <p>235 22 70 405</p> <p>340 175 560 36</p>	2s	5s	10s			
2s	5s	10s					
<p>Which answer is correct? Explain your reason why.</p> <p>$15 \times 10 =$</p> <p>152 115 150 158</p> <hr/> <hr/> <hr/>	<p>Which answer is correct? Explain your reason why.</p> <p>$74 \times 2 =$</p> <p>148 147 142</p> <hr/> <hr/> <hr/>						

To reason about numbers to solve complex problems.

Calculate the answer.

Together Sarah and Ellie have 14 cookies. Sarah has 2 more cookies than Ellie. How many cookies does Ellie have?



Calculate the answer.

Jack and Jim spent £27 on toy cars. Jack spent £5 more than Jim. How much did Jim spend?



Complete the missing number problems.

$$72 - 45 = \square$$

$$68 - \square = 39$$

$$19 = 48 - \square$$

Calculate the answers.

$$29 + 17 = 15 + 4 + \underline{\quad}$$

$$12 + 9 + 38 = \underline{\quad} + 46$$

Calculate the answers.

$$8 + \underline{\quad} - 6 = 20 \quad | \quad \underline{\quad} + 6 - 10 = 14$$

$$13 + \frac{\underline{\quad}}{4} - 8 = 30 + \frac{\underline{\quad}}{10} - 15 + 6 = 45 - 10$$

Calculate the answer.

There are 63 people on the train. 17 people get off at the next stop and some people get off at the second stop. There are now 15 people on the train. How many people got off at the second stop?

Date: _____

To solve unfamiliar word problems with more than one step.

Who has more? Circle your answer and explain.

Sam has 3 packs with 10 biscuits in each pack.

Anna has 5 packs with 5 biscuits in each pack.

Calculate the answer.

Sally has 43 stickers and gave 5 to her brother. Chris has 41 stickers and dropped 2. Who now has the most stickers?



Calculate the answer.

Flo brought her friend 27 Smiggle rubbers. Her friend opened them, dropped 4 and gave 7 to her sister. How many rubbers were left?



Who has more? Circle your answer and explain.

Stuart has 4 packs with 3 balloons in each pack.

Freya has 6 packs with 2 balloons in each pack.

Who has more? Circle your answer and explain.

Ben has 10 boxes with 7 eggs in each box.

Sue has 20 boxes with 5 eggs in each box.

Calculate the answer.

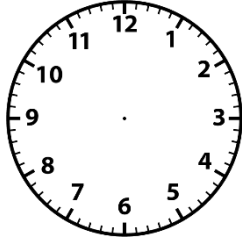
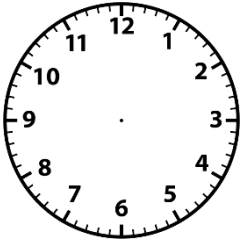
Henry had 63 football cards. He gave 4 to Rob, 8 to Tom and 6 to Jack. How many football cards does Henry have left?



Date: _____

To read the time on a clock to the nearest 5 minutes.

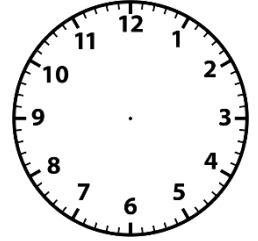
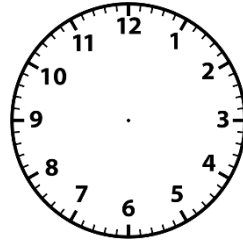
Draw the hands on the clock to show each time.



five past 7

ten past 3

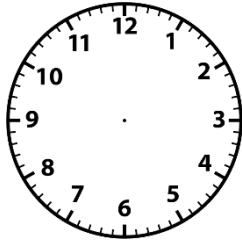
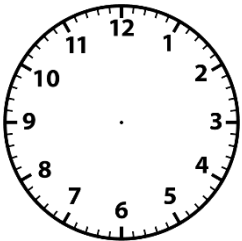
Draw the hands on the clock to show each time.



twenty past 5

twenty five past 10

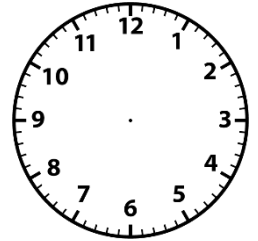
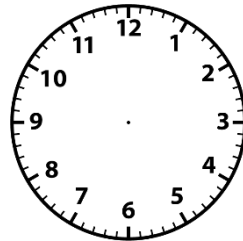
Draw the hands on the clock to show each time.



twenty five to 2

twenty to 11

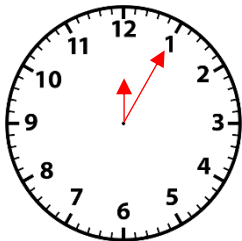
Draw the hands on the clock to show each time.



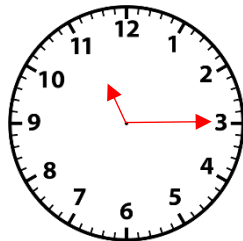
ten to 8

five to 4

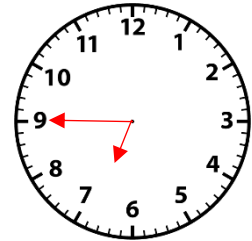
Are the times for each clock correct? If not, write the correct time underneath.



five past 12



twenty past 11

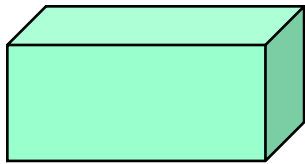
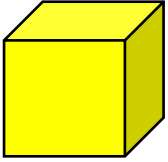


twenty five to 7

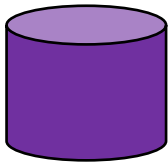
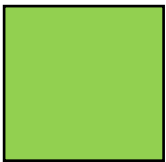
Date: _____

To describe similarities and differences in properties of shapes.

What's the same? What's different?



What's the same? What's different?



What's the same? What's different?

