The Mum Educates

Key Stage 1

Mathematics

Paper 2:reasoning
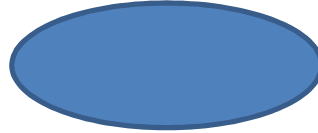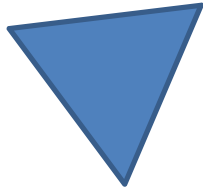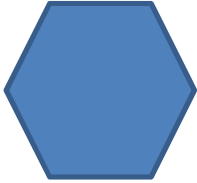
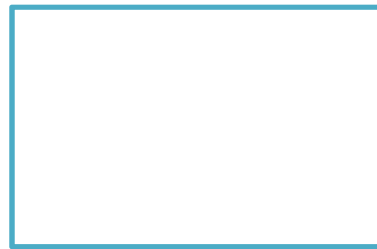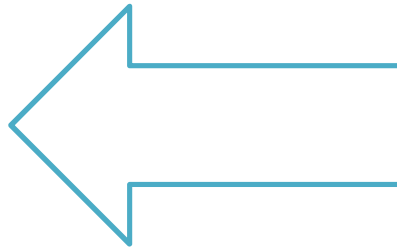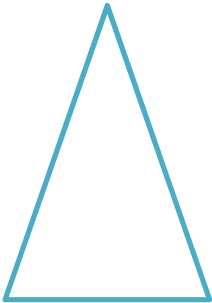|	
First Name	
Middle Name	
Last Name	

Total marks

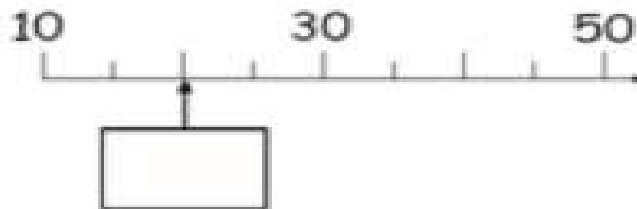**1** Tick the shape that is a pentagon.

2 Draw a line of symmetry on each of these shapes below.

3 Look at the number line.

Write the correct number in the box below.

4 Sam buys 8 bag of candies.
There are 5 candies in each bag.

Sam ate 5 candies.

How many candies are left?

Show your working.
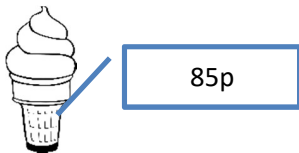
candies

5 Look at the sequence.

→ ↓ ← ↓ ↓ → ↓

Which shape is next in the pattern?

Tick your answer.

← ↓ →

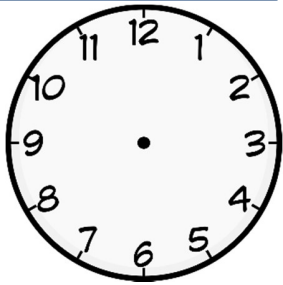**6** Saima buys an ice cream.

85p

She has this much money in her bag. Circle the coins she can use to pay for the ice-cream.

7 Draw the hands on the clock to show these times.

Quarter to 11

Half past 6
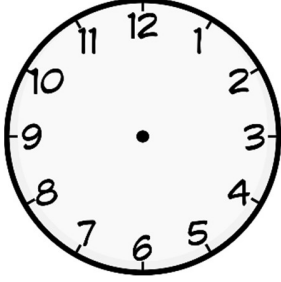
8 Here are the signs.

| < | > | = |

Use the correct sign to make each calculation correct.

7 + 5		5 x 7
10 x 6		6 + 10

9

Alex has 68 nuts.
He gave 49 nuts to his friend.

How many nuts does Alex have left?

nuts
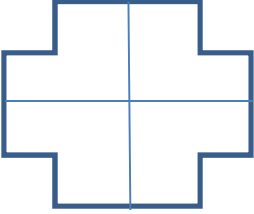
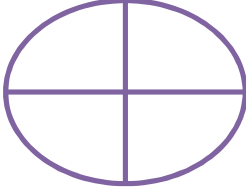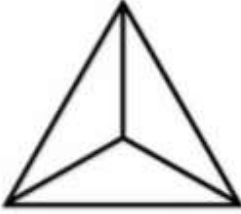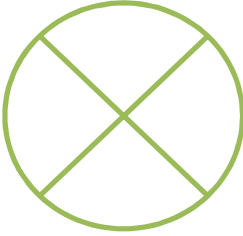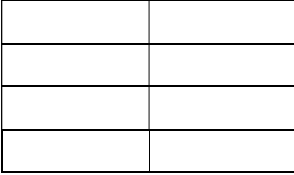**10** Write a digit in each box to make the calculation correct.

$3 \boxed{} - 1 6 = \mathbf{18}$

11 Shade fractions of the shape.

$\dfrac{1}{4}$	
$\dfrac{1}{2}$	
$\dfrac{1}{3}$	
$\dfrac{3}{4}$	
$\dfrac{2}{4}$	

12 A shopkeeper has some apple to sell.

He sold half of the apple.

He has only 9 apples left.

How many apples did the shop keeper start with?

apples

12 Mr. Tony brought 6 evenly divided boxes of muffins to the class.
There are 30 muffins altogether.

How many muffins are in each box?

muffins

13 How much does the salt weigh?

15 This is an arrow.

The arrow rotated **three quarter turn clockwise**. Circle the arrow that shows its new direction.
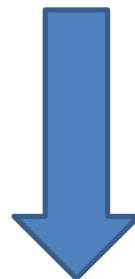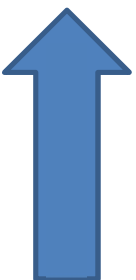
16 Sara had 28 lollipops.

She gave 9 to Ali.

She also gave 12 to Alex.
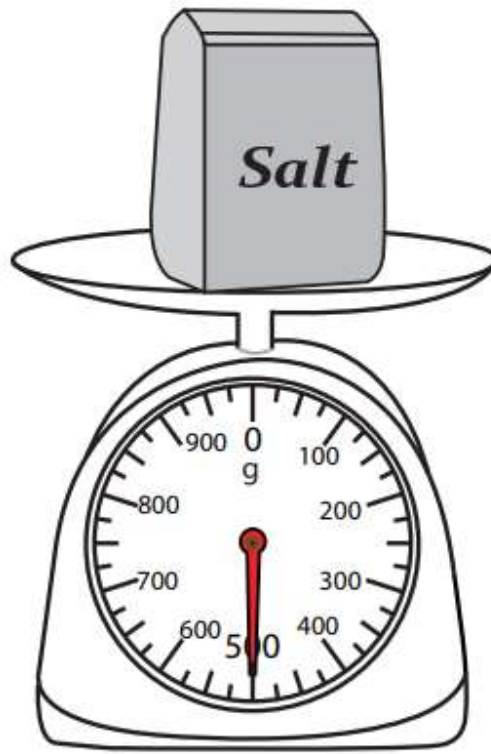
How many lollipop are left?

lollipops

17 Here is a tally chart for year 2 favorite food.

Food	Votes
Pizza	⊥⊥⊥⊥ ⊥⊥⊥⊥ I
Burger	⊥⊥⊥⊥ IIII
Pasta	⊥⊥⊥⊥ ⊥⊥⊥⊥
Hot Dog	⊥⊥⊥⊥

- How many children choose pizza as their favorite food?

  _____

- What was the least favorite food?

  _____

- Did more children choose burger or pasta?

  _____

- How many children were there altogether?

  _____

18 Sara and Sam are measuring their pencils?

Sara's pencil is _____cm long.

Sam's pencil is _____ cm long.

Ali lost his pencil. He says his pencil is longer than Sara's pencil but shorter than Sam's pencil. What length could Ali's pencil be?

cm

19 Sally bought 36 cherries.

$\frac{1}{4}$ of the cherries were rotten.

How many cherries were fresh?

cherries

20 Amy has 30 muffins.

She shares the muffins between 10 plates.

Tick the calculation that shows how many muffins are on each plate?

30 + 10 = 40 ☐

30 − 10 = 20 ☐

30 ÷ 10 = 3 ☐

30 x 10 = 300 ☐

21 Sort the jugs of orange juice from least full to most full.

A   B   C   D

_____

22 Write the two missing numbers in this pattern.

14	17		23	26	29		35	38	41

23 Tick the two sentences that are correct.
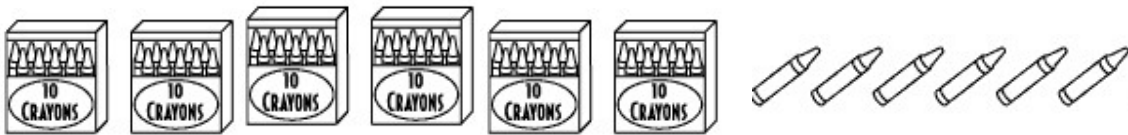
o   A rectangle has two longer sides and two shorter sides.

o   A rectangle has curved sides.

o   A rectangle four corners.

o   A rectangle has six sides.

24 Jane has 20 crayons.

Here are Sara's crayons.

How many crayons does Sara have?

crayons

25 Sam has a £1 coin.

88p

If Sam buys this cake, how much change will he get?

pence

26 Match the numbers to the correct words below.

17	seventy
	eighteen
	fourteen
44	thirty-six
	twenty-two
18	thirty-three
	twenty- twelve
36	forty-four
	seventeen
22	eighty

END OF TEST