

35 minutes

Mathematics Paper 1

Stage 4

Name

Additional materials: Ruler

Calculators are not allowed.

READ THESE INSTRUCTIONS FIRST

Answer all questions in the spaces provided on the question paper.

You should show all your working on the question paper.

The number of marks is given in brackets [] at the end of each question or part question.

The total number of marks for this paper is 25.

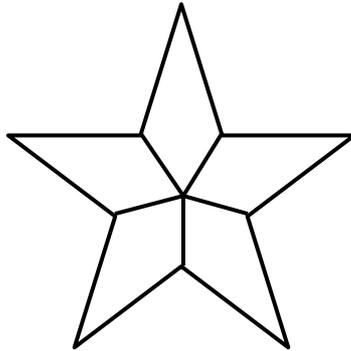
For Teacher's Use		
Page	Mark	
1		
2		
3		
4		
5		
6		
7		
8		
9		
Total		

- 1 Put a ring round the digit with a value of six hundreds.

6 6 6 6

[1]

- 2 Shade $\frac{2}{5}$ of the shape.



[1]

- 3 Calculate.

$$345 + 426$$

Show your working here.

761

[2]

4 Here is a calendar for June.

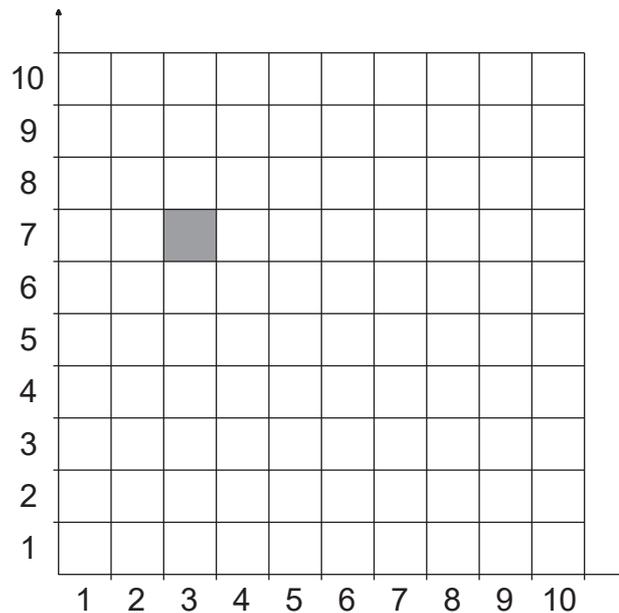
June						
M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

John goes on holiday on the second Wednesday in June.

What date is this?

..... June [1]

5 Here is a grid.

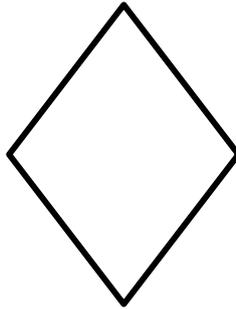


The shaded square is 3 along and 7 up.

Shade the square that is 8 along and 2 up.

[1]

- 6 Draw all the lines of symmetry on this shape.



[1]

- 7 Here is a number sequence.

27, 31, 35, 39, 43, ⁴⁷.....

The sequence continues in the same way.

- (a) What is the next number in the sequence?

..... [1]

- (b) Describe how you found this number.

..... [1]

- 8 Children in Class 4 measure how tall they are.

The tally chart shows their results.

Height of children (in centimetres)	Tally
101 - 110	III
111 - 120	III III
121 - 130	III III II
131 - 140	IIII

How many children are between 121 and 130 centimetres tall?

..... children [1]

9 Calculate.

$$521 - 348$$

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Show your working here.

.....

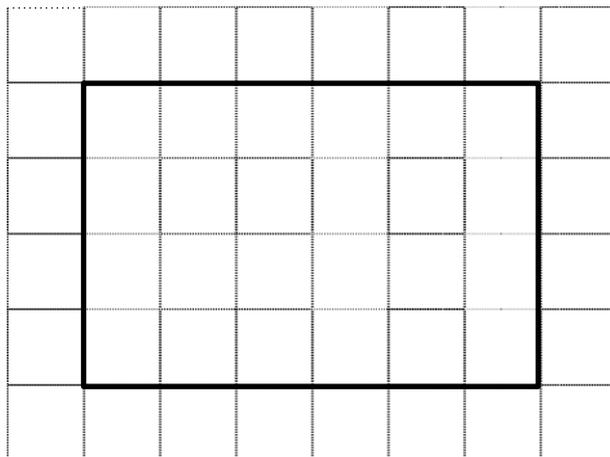
[2]

10 Write the missing number to make this pair of fractions equivalent.

$$\frac{1}{2} = \frac{\square}{8}$$

[1]

11 Look at the rectangle on the centimetre square grid.



What is the area of the rectangle?

Remember to give the units.

..... [2]

12 Complete the table to show the equivalence between fractions and decimals.

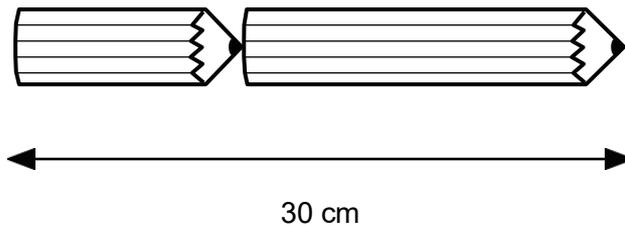
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Use

Fraction	Decimal
$\frac{1}{2}$	0.5
	0.25
$\frac{3}{10}$	

[2]

13 Here are two pencils placed end to end in a line.

The total length is 30 cm.



NOT TO
SCALE

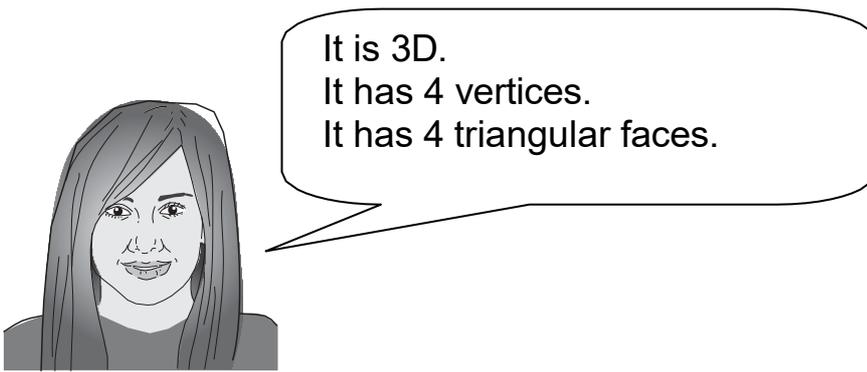
One pencil is twice as long as the other pencil.

How long is each pencil?

..... cm and cm

[1]

14 Ruth describes a shape.



Tick (✓) the shape she is describing.

cube

tetrahedron

cuboid

cylinder

prism

[1]

15 Here is a number line.

Draw an arrow (→) to show the position of 275



[1]

16 A box can hold 10 packets of crisps.

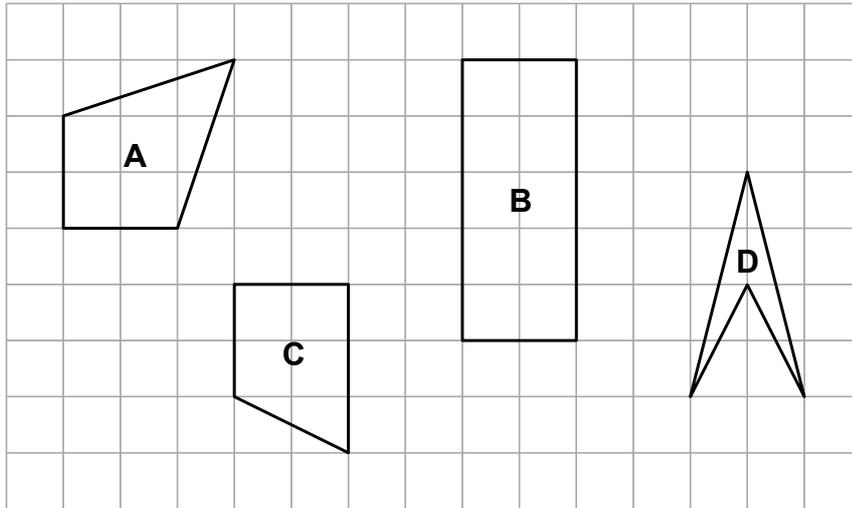
Matilda has 96 packets of crisps.

How many full boxes can she make?

..... boxes

[1]

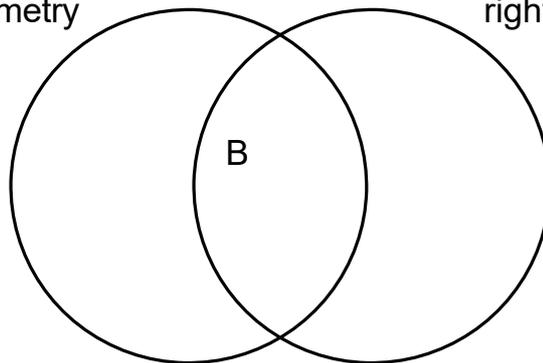
17 Here are 4 shapes.



Write the letter of each shape in the correct place on the Venn diagram.
One has been done for you.

has at least one
line of symmetry

has at least one
right angle



[2]

18 Put a ring round the largest fraction.

$$\frac{3}{4}$$

$$\frac{2}{5}$$

$$\frac{7}{10}$$

$$\frac{1}{2}$$

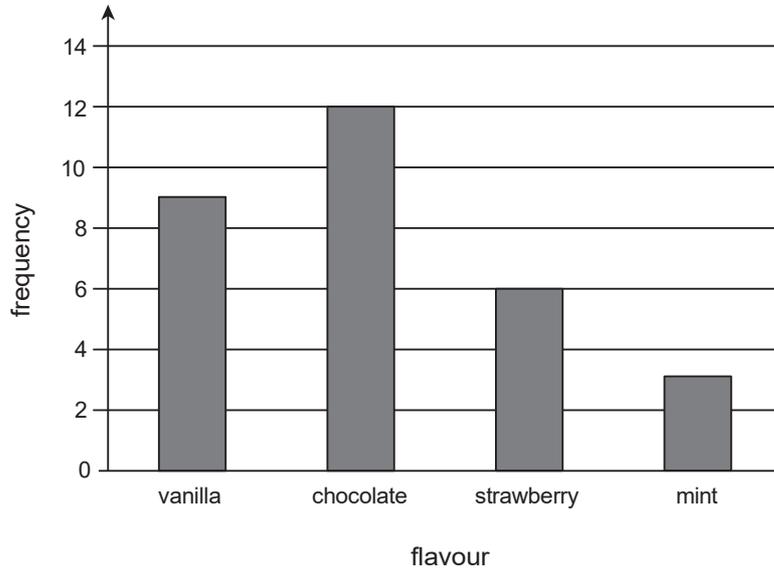
[1]

19 Class 6 did a survey to find out which was the most popular ice cream flavour.

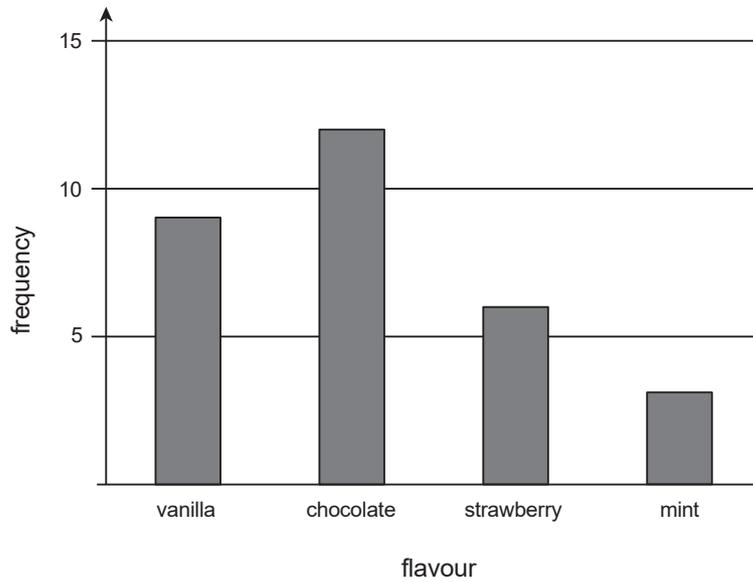
Each child drew a bar chart to show the results.

Here are two of the bar charts.

Kara's chart



Salim's chart



Whose bar chart shows the results more clearly?

Kara / Salim

Explain why.

.....

.....

[1]

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