



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.

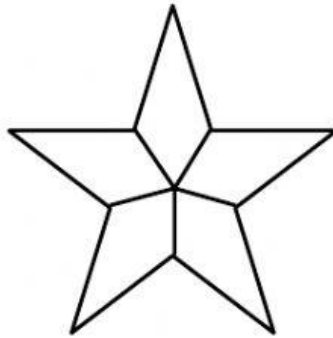
For Teacher's Use	
Page	Mark
1	
2	
3	
4	
5	
6	
7	
8	
9	
<b>Total</b>	

- 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.

.....

[2]

4 Here is a calendar for June.

*For  
Teacher's  
Use*

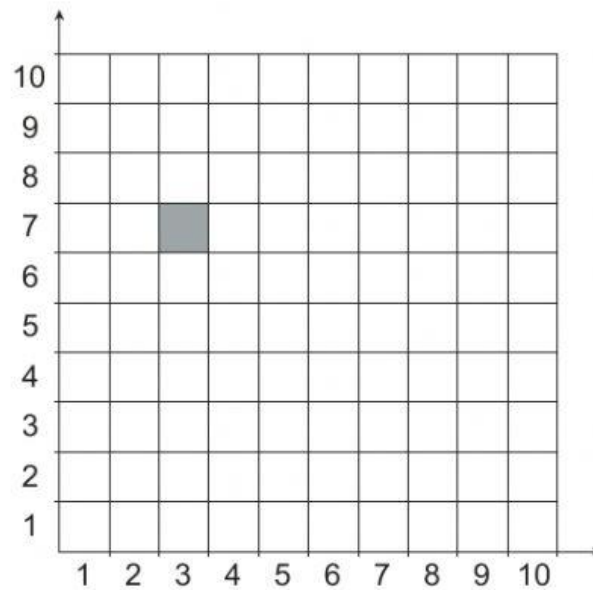
June						
M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

John goes on holiday on the second Wednesday in June.

What date is this?

..... June [1]

5 Here is a grid.

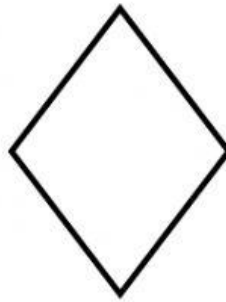


The shaded square is 3 along and 7 up.

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, .....

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
121 - 130	II
131 - 140	

How many children are between 121 and 130 centimetres tall?

..... children [1]

9 Calculate.

$$521 - 348$$

For  
Teacher's  
Use

Show your working here.

.....

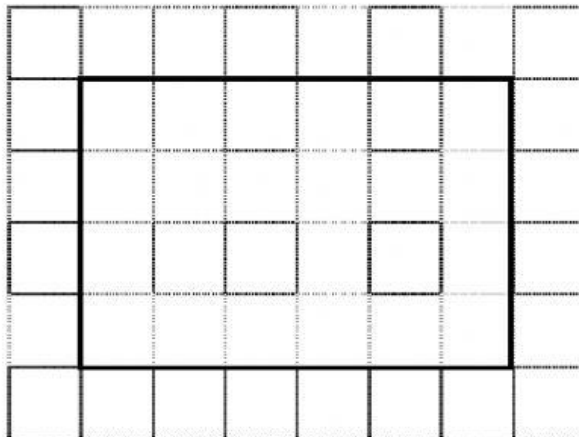
[2]

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.

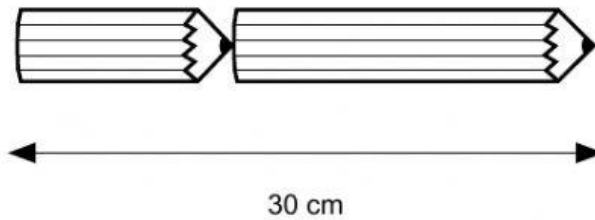
For  
Teacher's  
Use

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

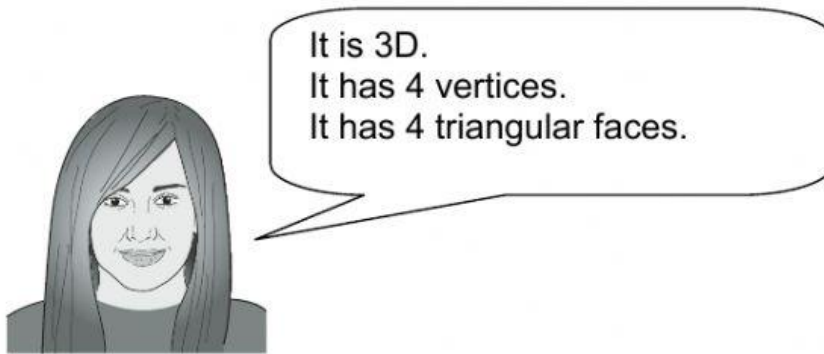
One pencil is **twice** as long as the other pencil.

How long is each pencil?

..... cm and ..... cm

[1]

14 Ruth describes a shape.



Tick (✓) the shape she is describing.

cube

tetrahedron

cuboid

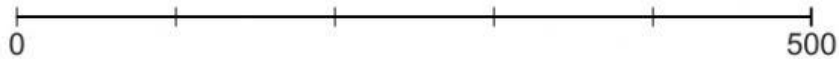
cylinder

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.

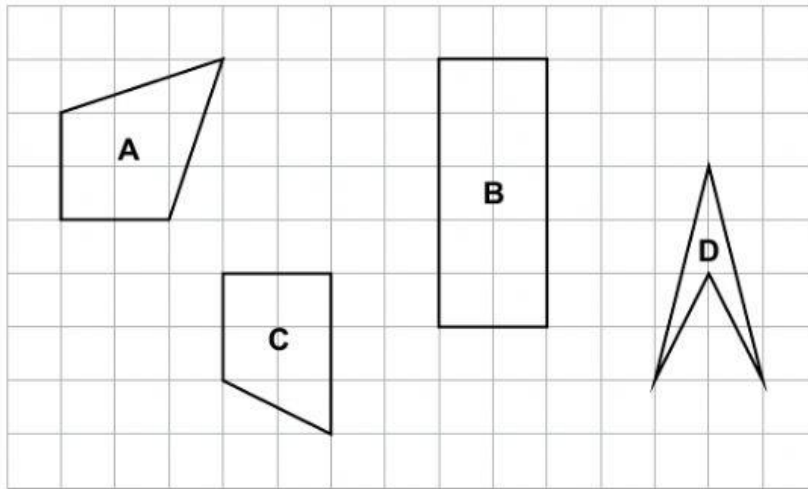
Matilda has 96 packets of crisps.

How many **full** boxes can she make?

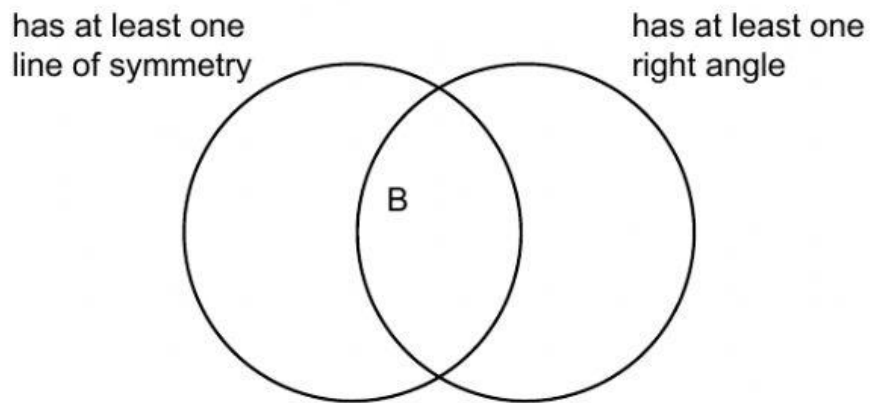
..... boxes [1]

17 Here are 4 shapes.

For  
Teacher's  
Use



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



[2]

18 Put a ring round the largest fraction.

$$\frac{3}{4} \quad \frac{2}{5} \quad \frac{7}{10} \quad \frac{1}{2}$$

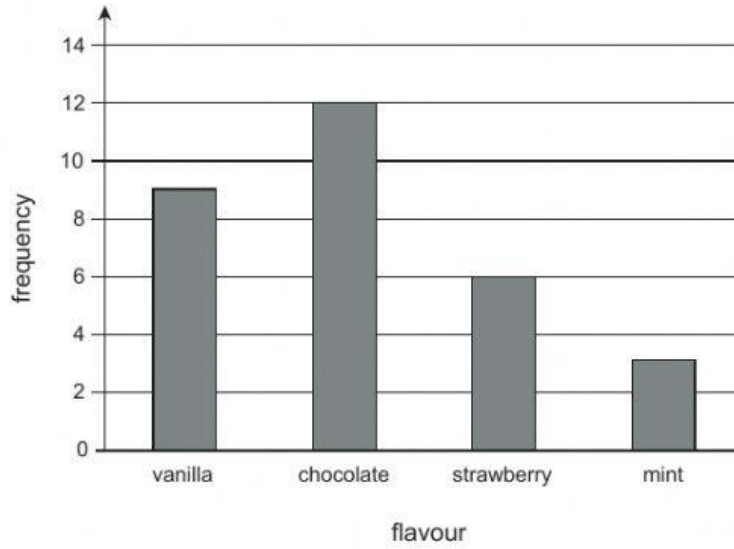
[1]

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

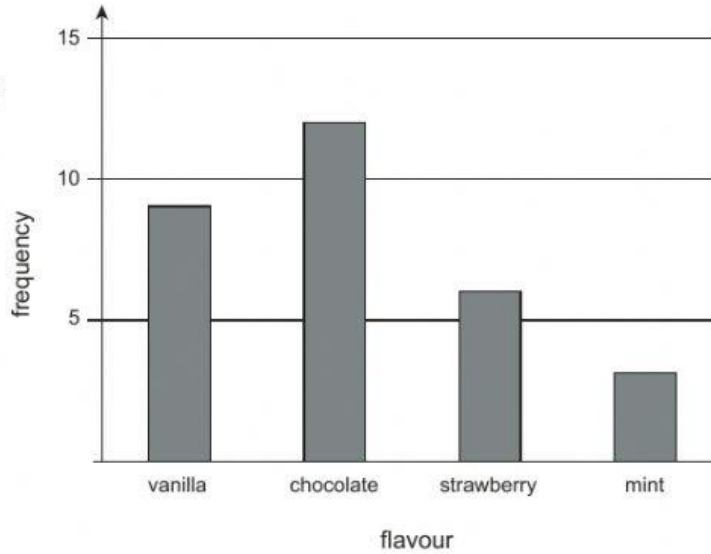
Each child drew a bar chart to show the results.

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]