Practice Test 3 — Levels 5C and 5B

1 Calculate $\frac{5}{6}$ of 780.

1 mark

2 Ravi buys a 2.4 kg box of washing powder.

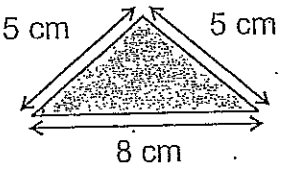
He uses 80 g of powder for each load of washing.
How many loads can he do?

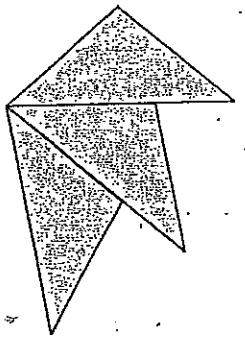
loads

1 mark

3 Sue has three identical triangular tiles.

She uses the tiles to make this shape.
What is the perimeter of the shape?





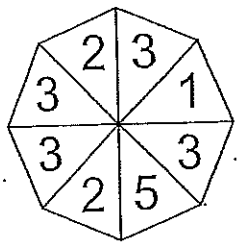
cm

1 mark

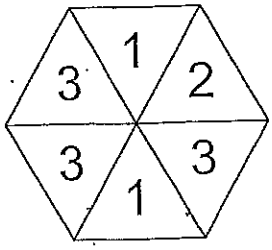
4 John has two spinners. He says 'it is just as likely that I will score a 3 with spinner A as it is with spinner B'.

Explain why John is correct.

Spinner A



Spinner B



1 mark

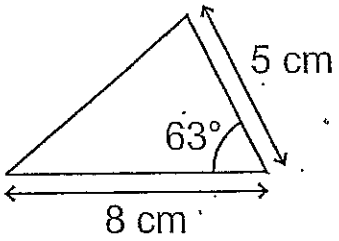
5 Circle the decimal which is equal to $\frac{3}{5}$.

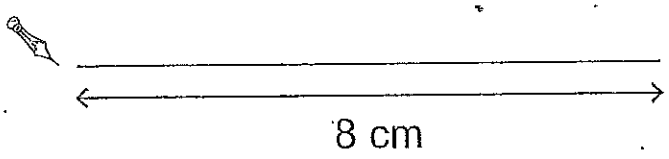
0.5 **0.7** **0.55** **0.8** **0.6**

1 mark

6 Here is a sketch of a triangle. It is not drawn to scale.

Draw the full size triangle below using a protractor and a ruler. One line has been drawn for you.





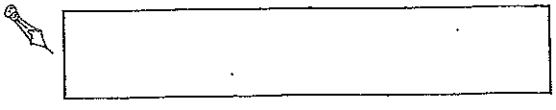
2 marks

7 Complete the fractions below to make each one equivalent to $\frac{5}{6}$.

$\frac{\square}{12}$ $\frac{20}{\square}$ $\frac{\square}{30}$

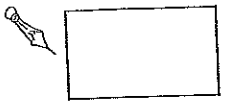
2 marks

8 Calculate 25.08 – 24.65.



1 mark

9 Beth buys a stack of 40 blank CDs for £8.
How much does 1 blank CD cost?



1 mark

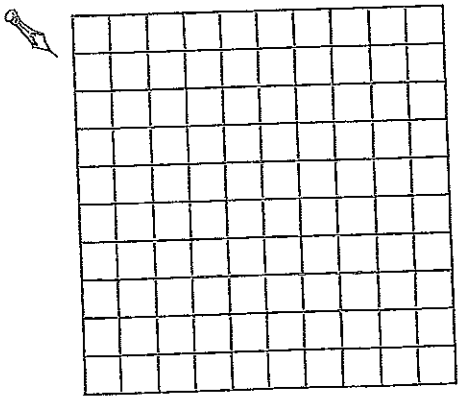
10 Here is an incomplete table showing the number of boys and girls in a school year who chose to study either French or German.

Complete the table.

	Boys	Girls	Total
French	20		45
German		15	
Total	50		

2 marks

11 Draw a hexagon with three right angles on the grid below.



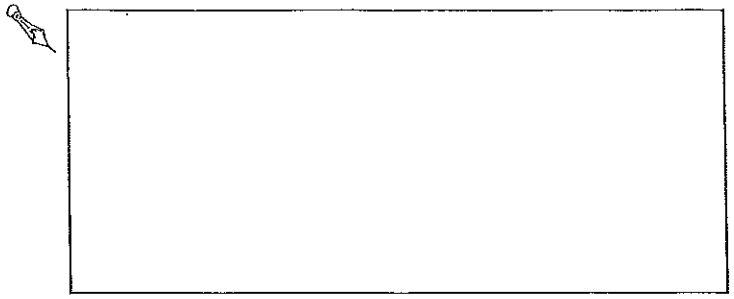
1 mark

12 There are 3 girls for every 5 boys in Kim's computer club.
There are 25 boys. How many girls are there?

girls

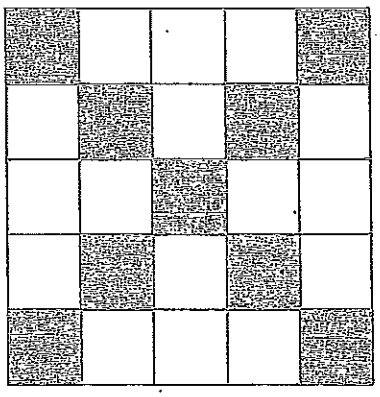
1 mark

13 Calculate zero point four multiplied by seven.
Show your working.



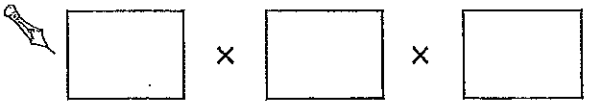
2 marks

14 Here is a shape divided into 25 squares.
Write the percentage of the shape that is shaded.



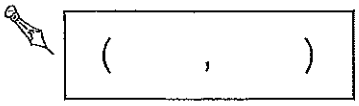
1 mark

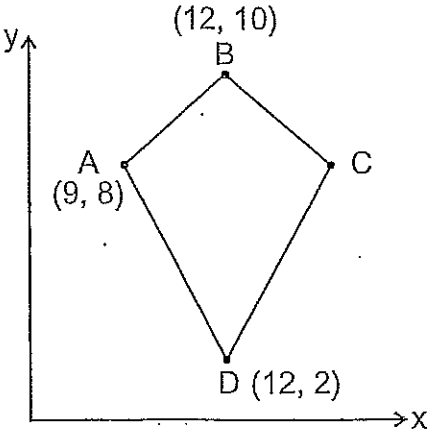
15 Complete this multiplication using three prime numbers.



1 mark

16 Here is a kite drawn on a graph.
Write the coordinates of point C.





1 mark