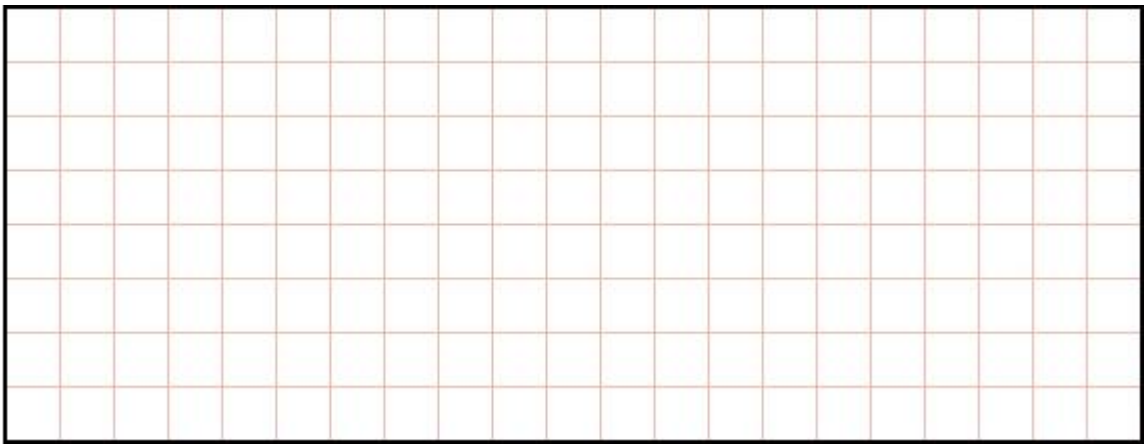
Percentages

Q1.

20% of 35 = ☐



1 mark

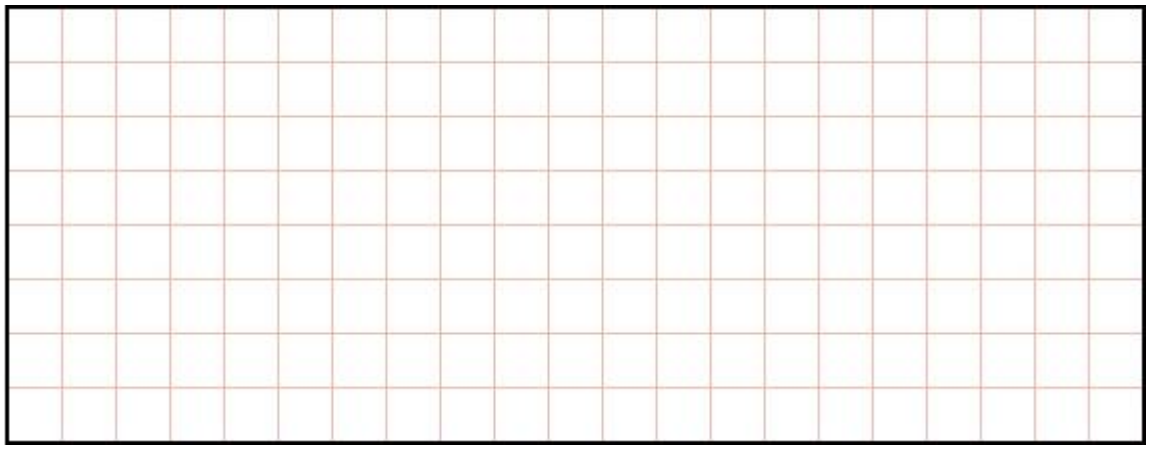
Q2.

35% of 320 = ☐

1 mark

Q3.

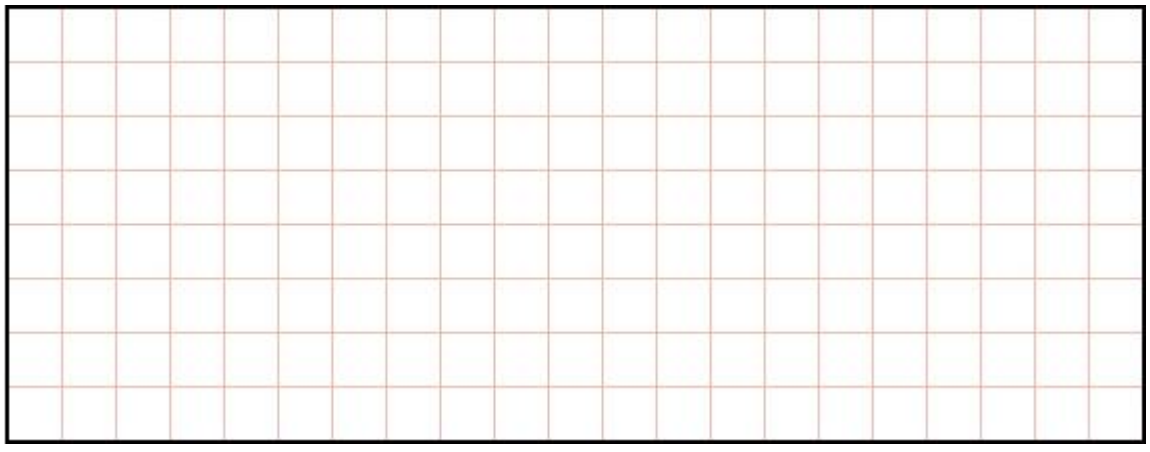
$0.4 =$ ☐ %



1 mark

Q4.

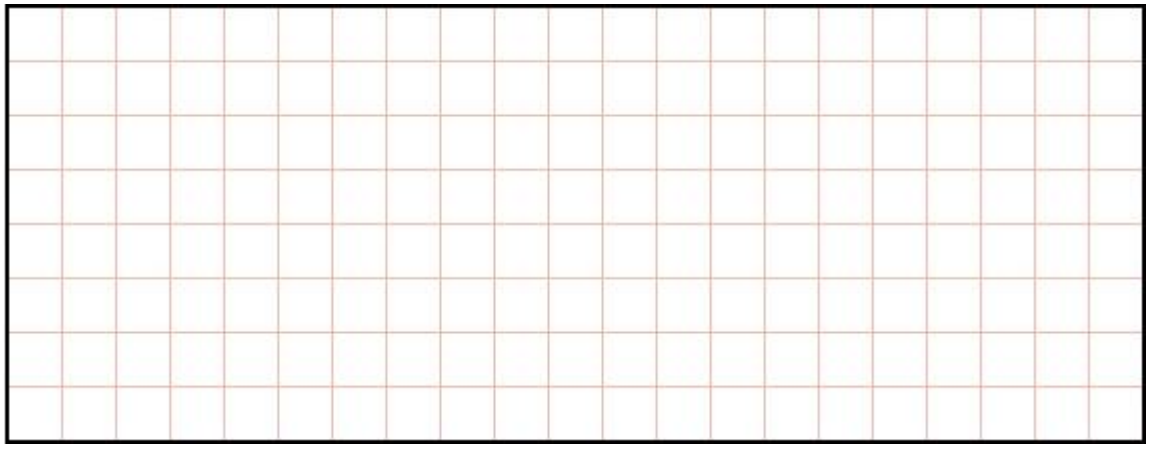
$34\% = \frac{\square}{100}$



1 mark

Q5.

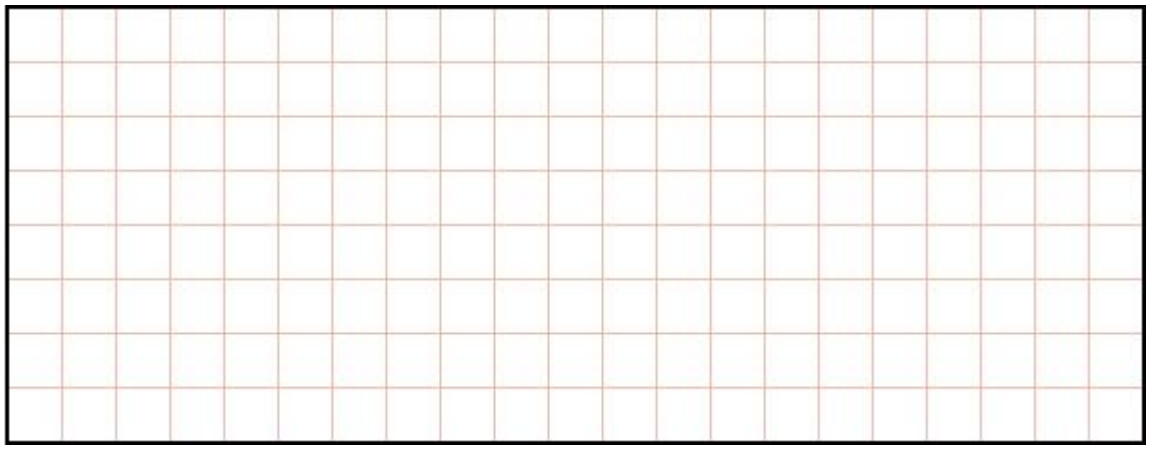
$96\% = \frac{\square}{25}$



1 mark

Q6.

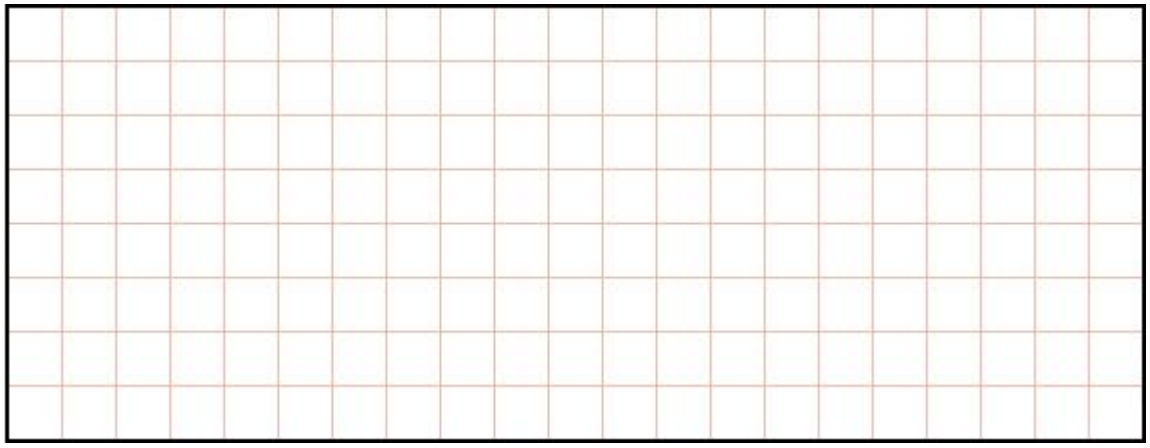
45% of 460 = $\square$



1 mark

Q7.

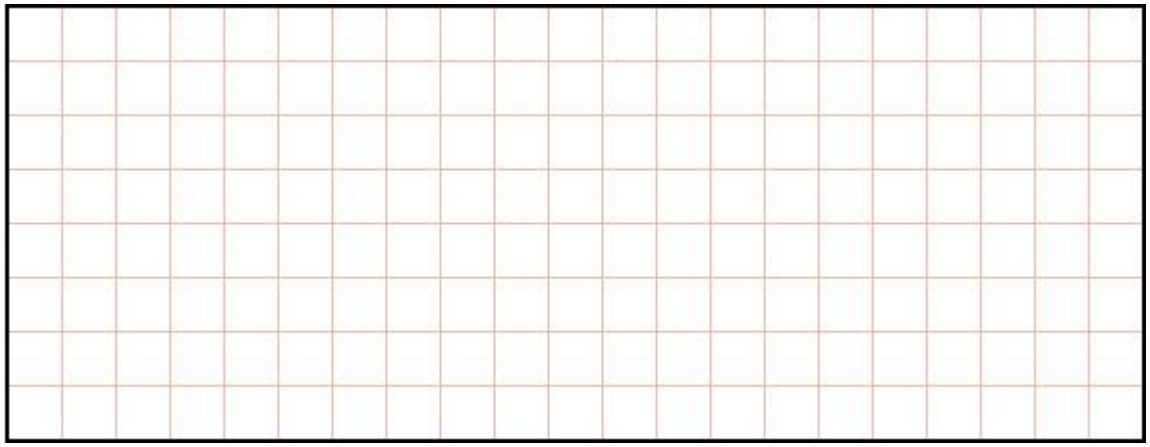
50% of 360 = ☐



1 mark

Q8.

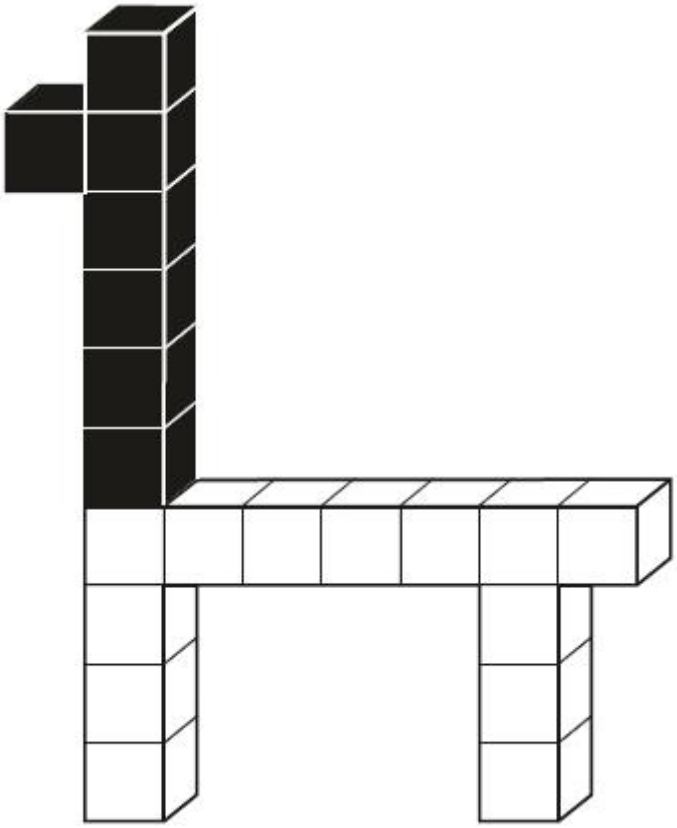
95% of 240 = ☐



1 mark

Q9.

This model is made with 20 cubes.



What **percentage** of the cubes in the model is black?

%

1 mark

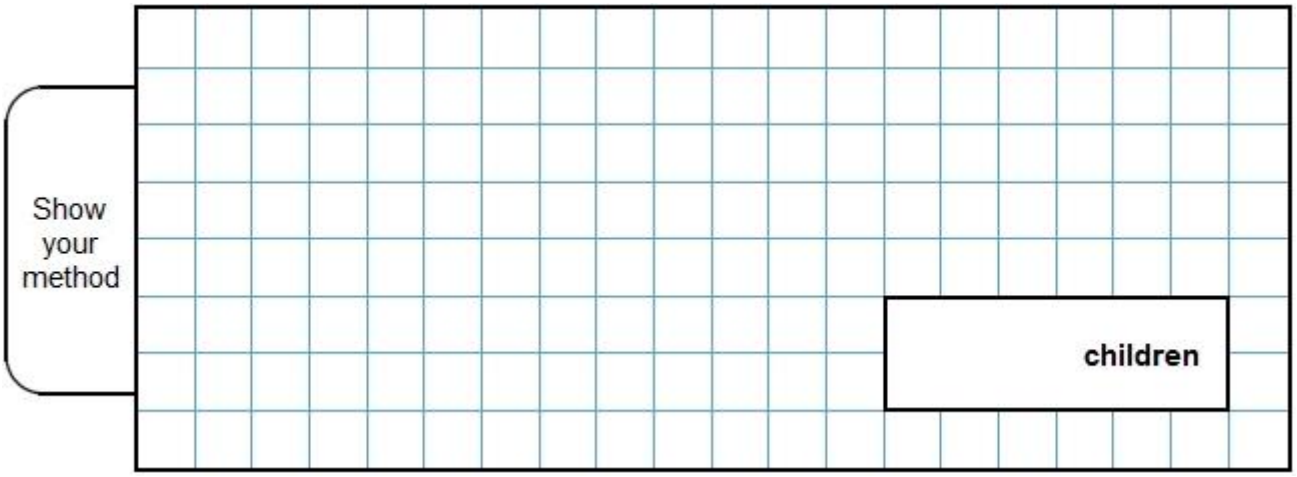
Q10.

200 children went on holiday.

10% of the children went to Wales.

25% of the children went to Scotland.

How many **more** children went to Scotland than went to Wales?



2 marks

Mark schemes

Q1.

7

[1]

Q2.

112

Do not *accept 112%*

[1]

Q3.

40

[1]

Q4.

34

[1]

Q5.

24

[1]

Q6.

207

Do not *accept 207%*

[1]

Q7.

180

[1]

Q8.

228

[1]

Q9.

35%

[1]

Q10.

Award **TWO** marks for a correct answer of 30

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg:

- 10% of 200 = 20

  25% of 200 = 50

  50 – 20 = wrong answer

OR

- 25% – 10% = 15%

  15% of 200 = wrong answer

*Working must be carried through to reach an answer for the award of **ONE** mark.*

Up to 2m

[2]