

- 1 A child goes to the butterfly garden in Castle Espie and sees 20 butterflies. Seven of the butterflies are red.

What percentage of the butterflies are red?

$$\frac{7}{20} \times \frac{50}{50} = \frac{35}{100}$$

A 25%

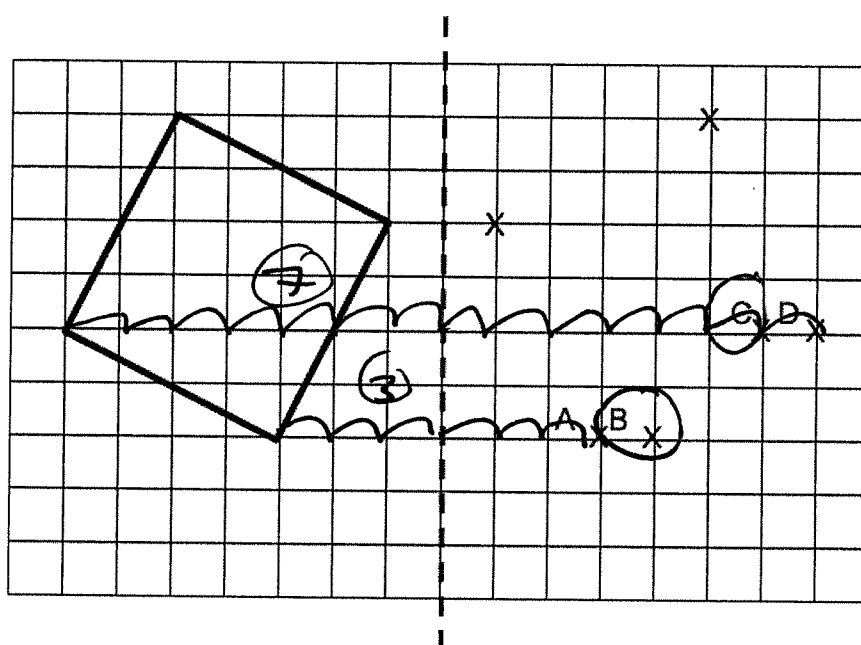
B 30%

C 35%

D 40%

E 45%

2



The square above is reflected in the dotted line.

The options below show pairs of points.

B, C

- A. A and B
- B. B and C
- C. A and D
- D. C and D
- E. A and C

Which two points are **NOT** corners of the reflected square?

A A

B B

C C

D D

E E

3

A pupil organises a fundraising competition with four prizes:

Prize A = one tenth of £450 $\frac{1}{10}$ of 450 = £45

Prize B = one half of £150 $\frac{1}{2}$ of 150 = £75

Prize C = one third of £120 $\frac{1}{3}$ of 120 = £40

Prize D = one quarter of £140. $\frac{1}{4}$ of 140 = £35

Which of the statements below is TRUE?

- ☒ A Prize D is worth more than Prize C ³⁵ ⁴⁰ X
- ☒ B Prize B is worth £75 ✓
- ☒ C Prize A is worth £40 ⁴⁵ X
- ☒ D Prize C and D are equal ⁴⁰ ³⁵ X
- ☒ E Prize B is the least ⁷⁵

4

A brother starts with the number 6 and writes the multiples of 6.

A sister starts with the number 8 and writes the multiples of 8.

What is the smallest number to appear in both lists?

A 12

B 16

C 24

D 32

E 48

B	S
6	8
12	16
18	
24	24

For question 5, you have to **write your answer** in the space provided in the question.

5

$$1\text{ cm} = 10\text{ mm}$$

What is the value of 30 cm + 27 mm?

$$\begin{array}{r} 30 \times 10 = 300 \\ + 27 \\ \hline 327 \end{array}$$

Write your answer in millimetres in the space below.

327 mm

In this exercise there are some mistakes with **punctuation** or use of **capital letters**. On each numbered line there is either **one** mistake or **no** mistake. Find the group of words with the mistake in it and **circle its letter below**. If there is **no** mistake, mark **N**.

Punctuation Exercise

1 When the hail began, the children's laughter quickly faded as they rushed indoors to shelter from the elements.

A B C D

2 For the birthday cake, Mum bought flour, butter, eggs, vanilla extract and a bag of icing sugar to bake the best birthday cake ever.

A B C D

3 "Have you packed your boots, your shin pads and your water bottle before leaving for the match?" shouted Dad from the hallway.

A B C D

N

4 The autumn leaves were golden and red; it was the most beautiful time of year in the old country park near my house.

A B C D

it No capital

5 After months of saving their pocket money, the two cousins finally booked their summer holiday to the south of France.

A B C D