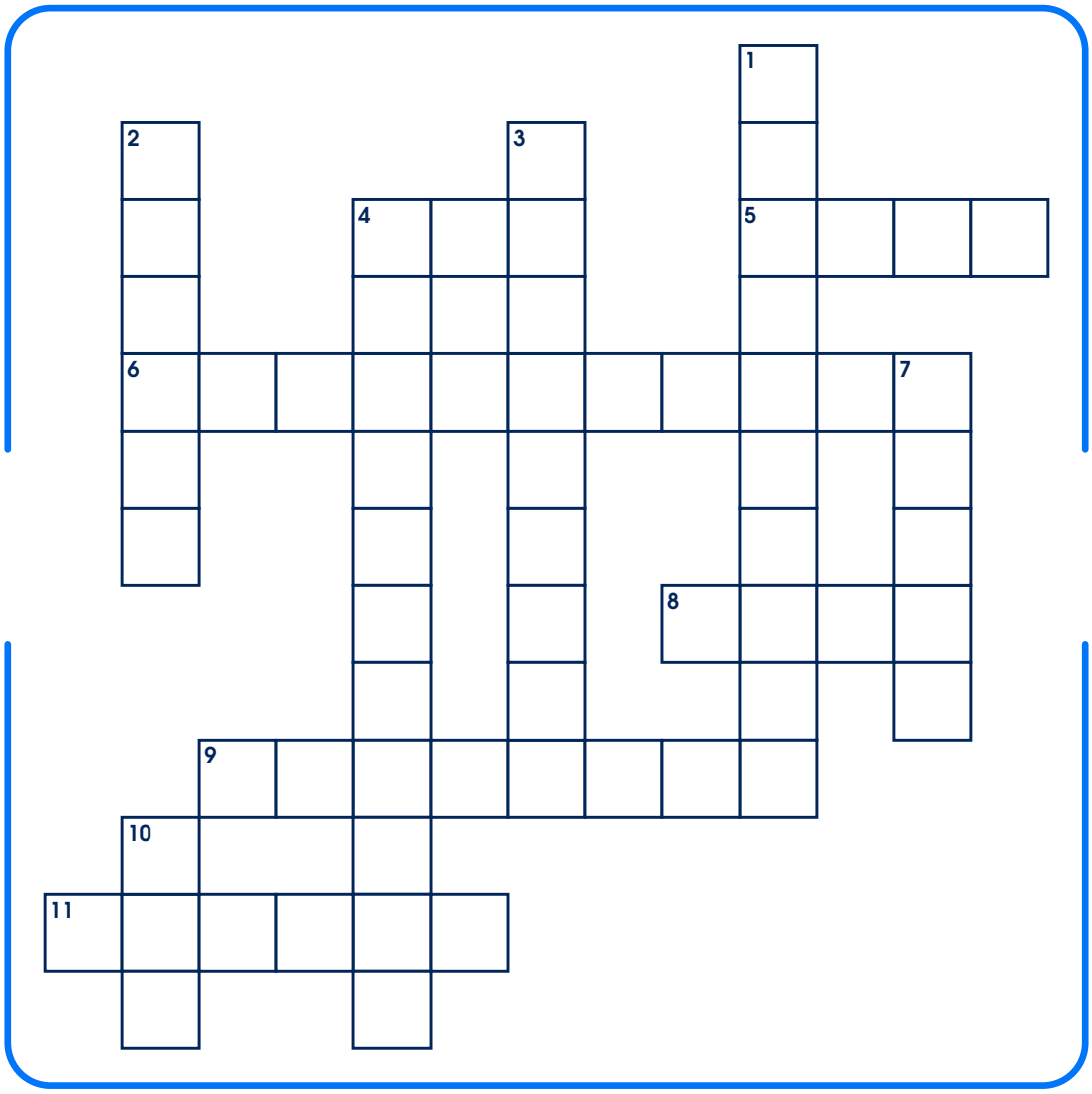
KS3 · GEOMETRY & MEASURES · CROSSWORD 9

TRANSFORMATIONS

Write number answers in words, e.g. 6 + 5 → ELEVEN.



ACROSS

4 The scale factor that turns a 3 cm line into a 6 cm line (3)

5 Translate (1, 2) two squares up. What is the new y-coordinate? (4)

6 Changes the size of a shape by a scale factor (11)

8 Reflect (5, 2) in the x-axis. What is the x-coordinate of the image? (4)

9 A turn about a centre (8)

11 Describes a translation (6)

DOWN

1 A flip in a mirror line (10)

2 The angle, in degrees, of a quarter turn (6)

3 Exactly the same shape and size (9)

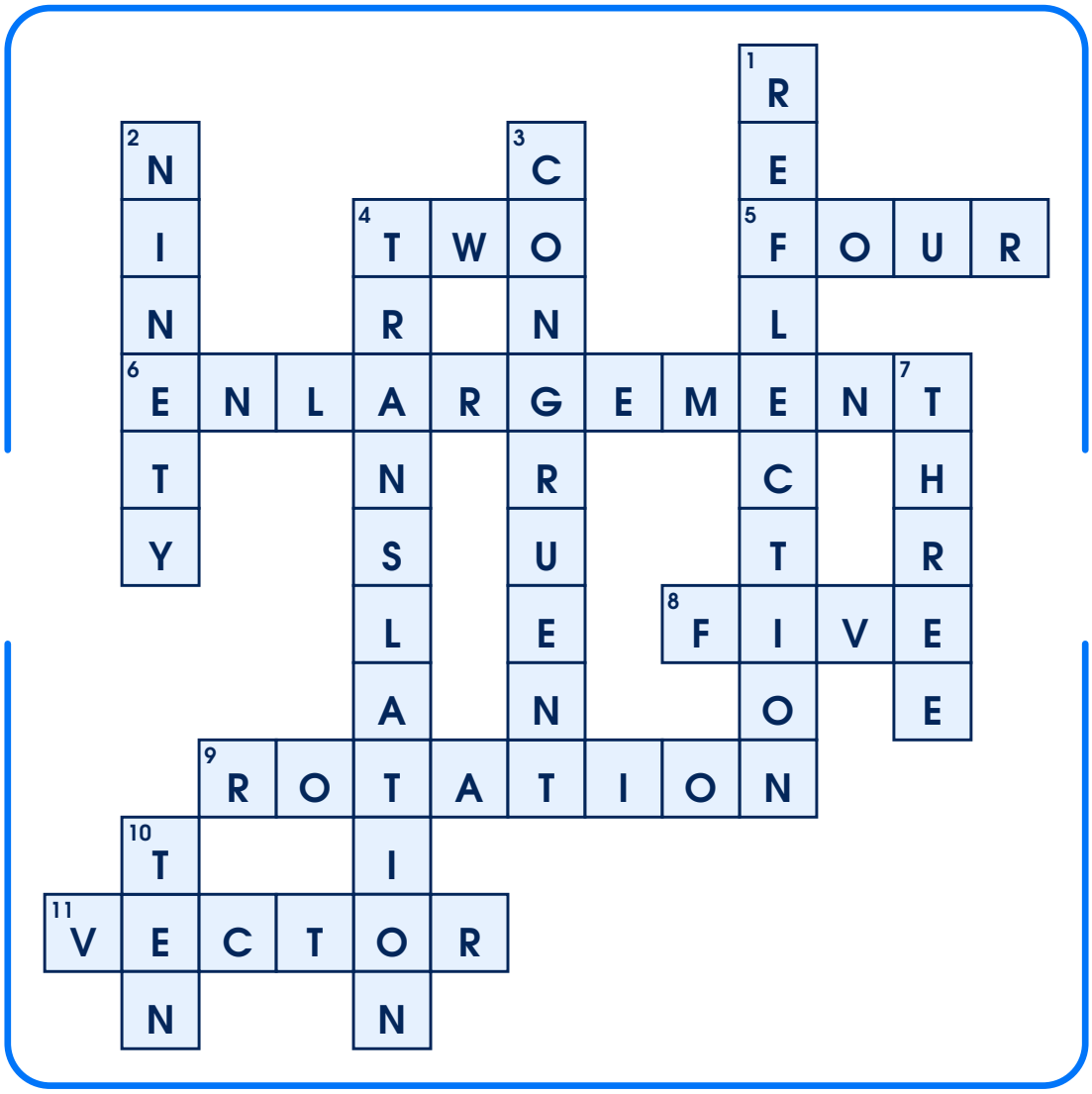
4 A slide with no turning (11)

7 Translate (1, 2) two squares right. What is the new x-coordinate? (5)

10 A 5 cm line is enlarged by scale factor 2. How long is it in cm? (3)

TRANSFORMATIONS

Answers



ACROSS

4 TWO (2)
5 FOUR (4)
6 ENLARGEMENT
8 FIVE (5)
9 ROTATION
11 VECTOR

DOWN

1 REFLECTION
2 NINETY (90)
3 CONGRUENT
4 TRANSLATION
7 THREE (3)
10 TEN (10)