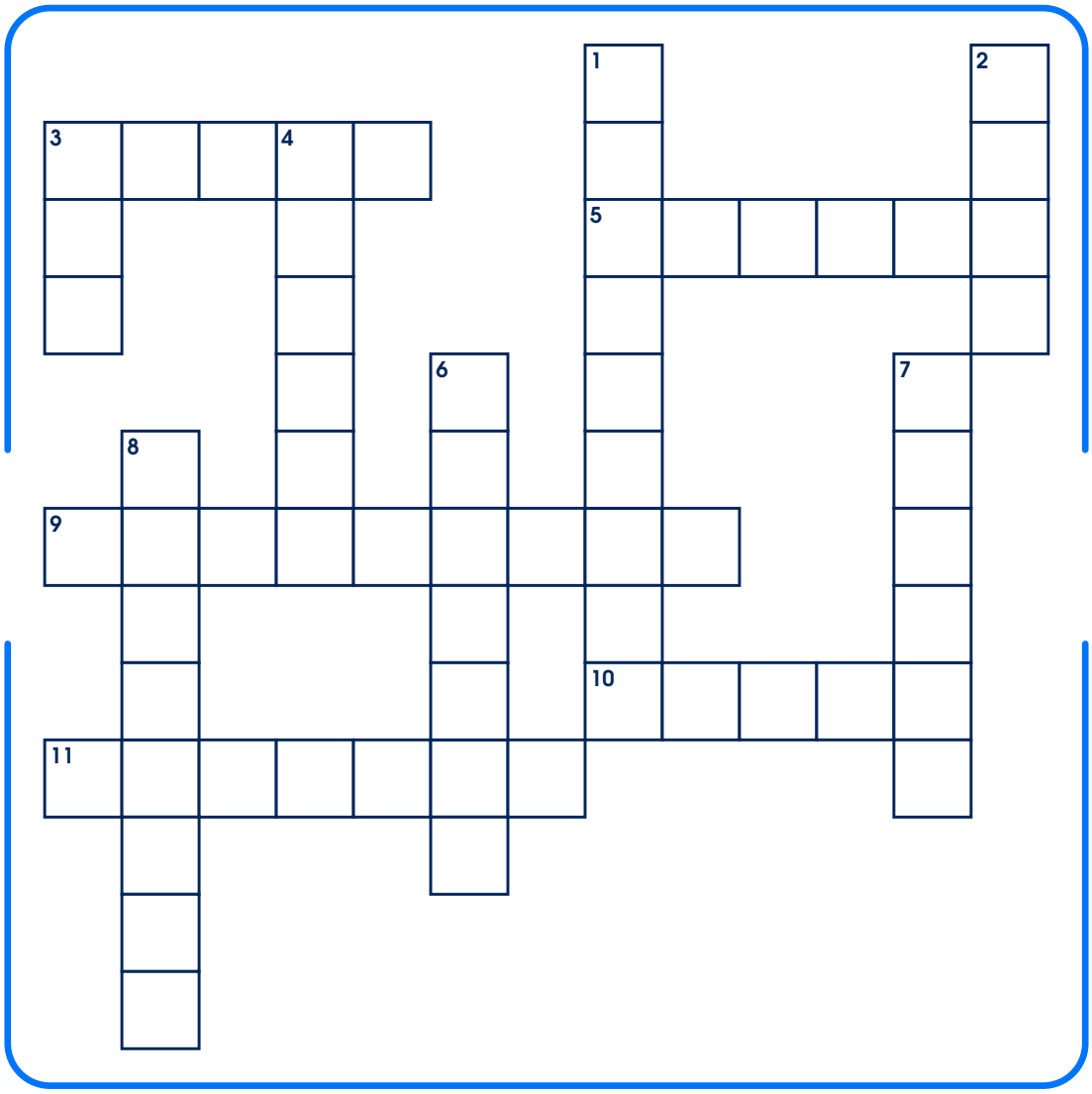
KS3 · ALGEBRA · CROSSWORD 3

EXPANDING AND FACTORISING

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



ACROSS

3 $(x + 3)(x + 4) = x^2 + bx + 12$. What is b? (5)

5 The highest ... factor goes outside the bracket (6)

9 $x^2 + 5x + 6$ is a ... expression (9)

10 Expand $2(4x - 1)$. What is the coefficient of x? (5)

11 Expand $3(x + 5)$. What is the constant term? (7)

DOWN

1 Put an expression into brackets (9)

2 $(x + 3)^2 = x^2 + 6x + c$. What is c? (4)

3 Factorise $6x + 12$ fully. What number goes outside the bracket? (3)

4 Multiply out the brackets (6)

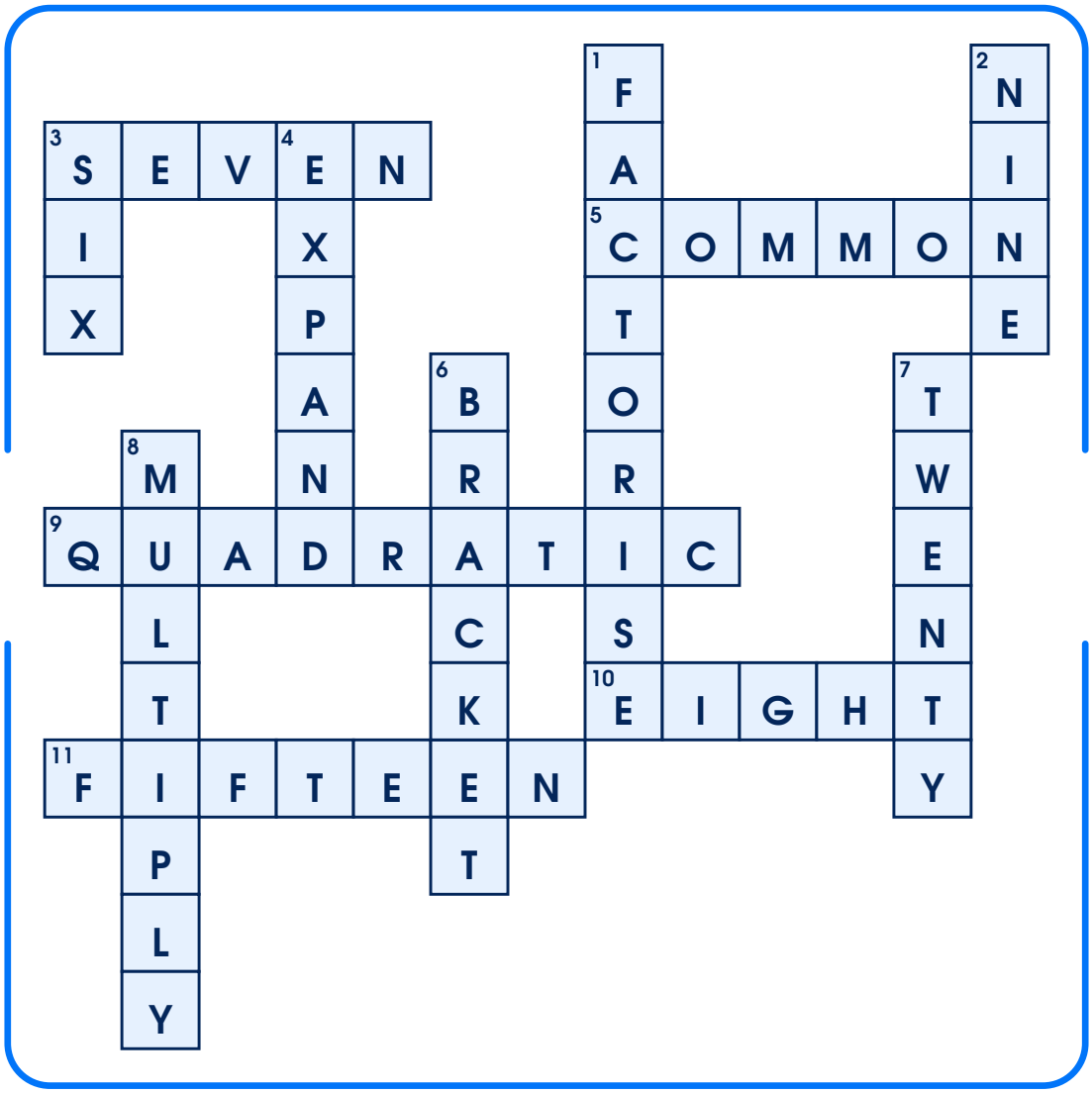
6 (or) (7)

7 Expand $5(2x + 4)$. What is the constant term? (6)

8 To expand, ... each term inside the bracket (8)

EXPANDING AND FACTORISING

Answers



ACROSS

3 SEVEN (7)
5 COMMON
9 QUADRATIC
10 EIGHT (8)
11 FIFTEEN (15)

DOWN

1 FACTORISE
2 NINE (9)
3 SIX (6)
4 EXPAND
6 BRACKET
7 TWENTY (20)
8 MULTIPLY