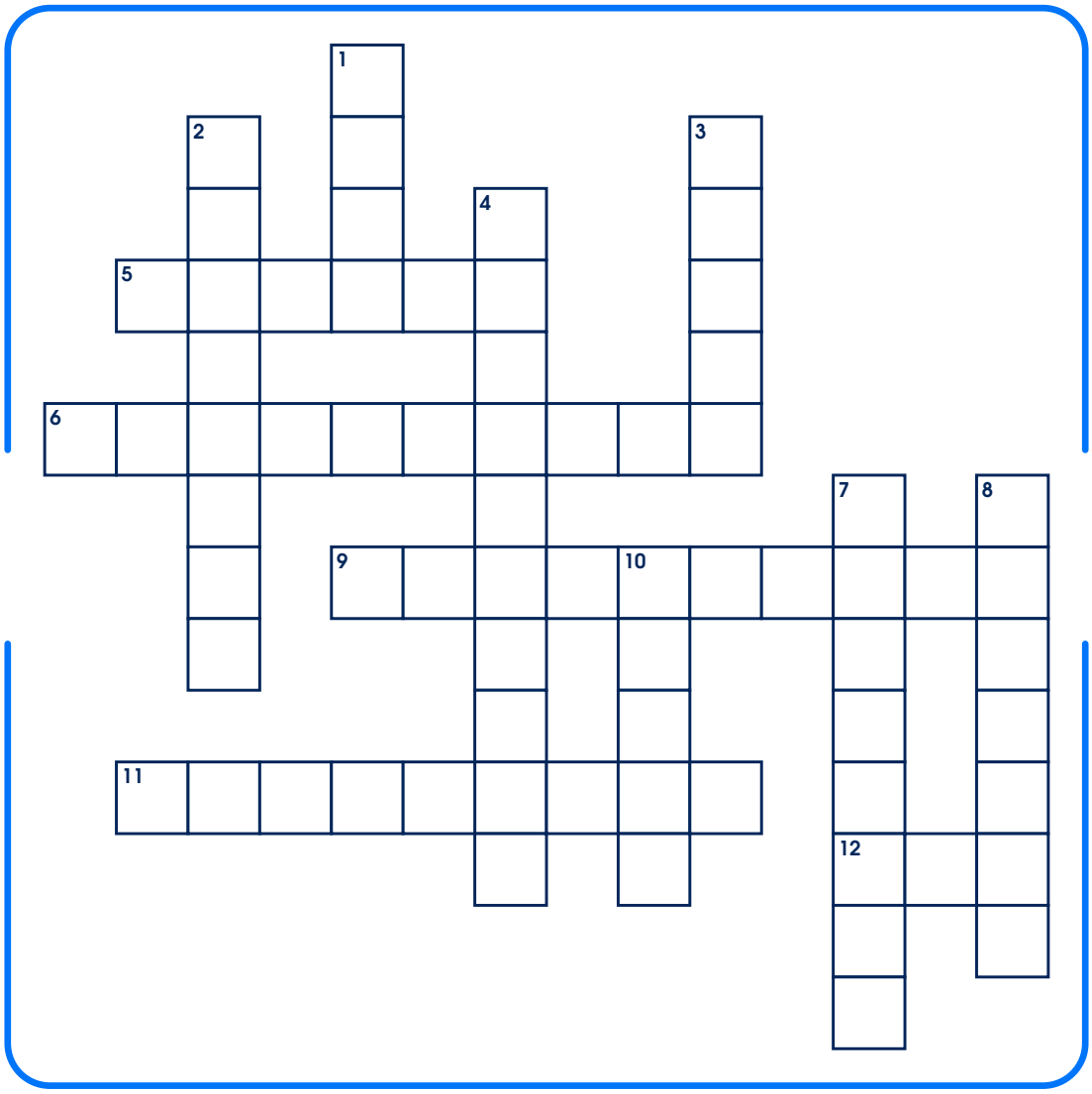
CONSTRUCTIONS, BEARINGS AND PYTHAGORAS

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



ACROSS

5 The bearing of due east, in degrees (6)

6 $a^2 + b^2 = c^2$ is his theorem (10)

9 Work out $3^2 + 4^2$ (6,4)

11 Used to draw circles and arcs (9)

12 The hypotenuse of a right-angled triangle with shorter sides 6 and 8 (3)

DOWN

1 The hypotenuse of a right-angled triangle with shorter sides 3 and 4 (4)

2 The hypotenuse of a right-angled triangle with shorter sides 5 and 12 (8)

3 A set of points that follow a rule (5)

4 The longest side of a right-angled triangle (10)

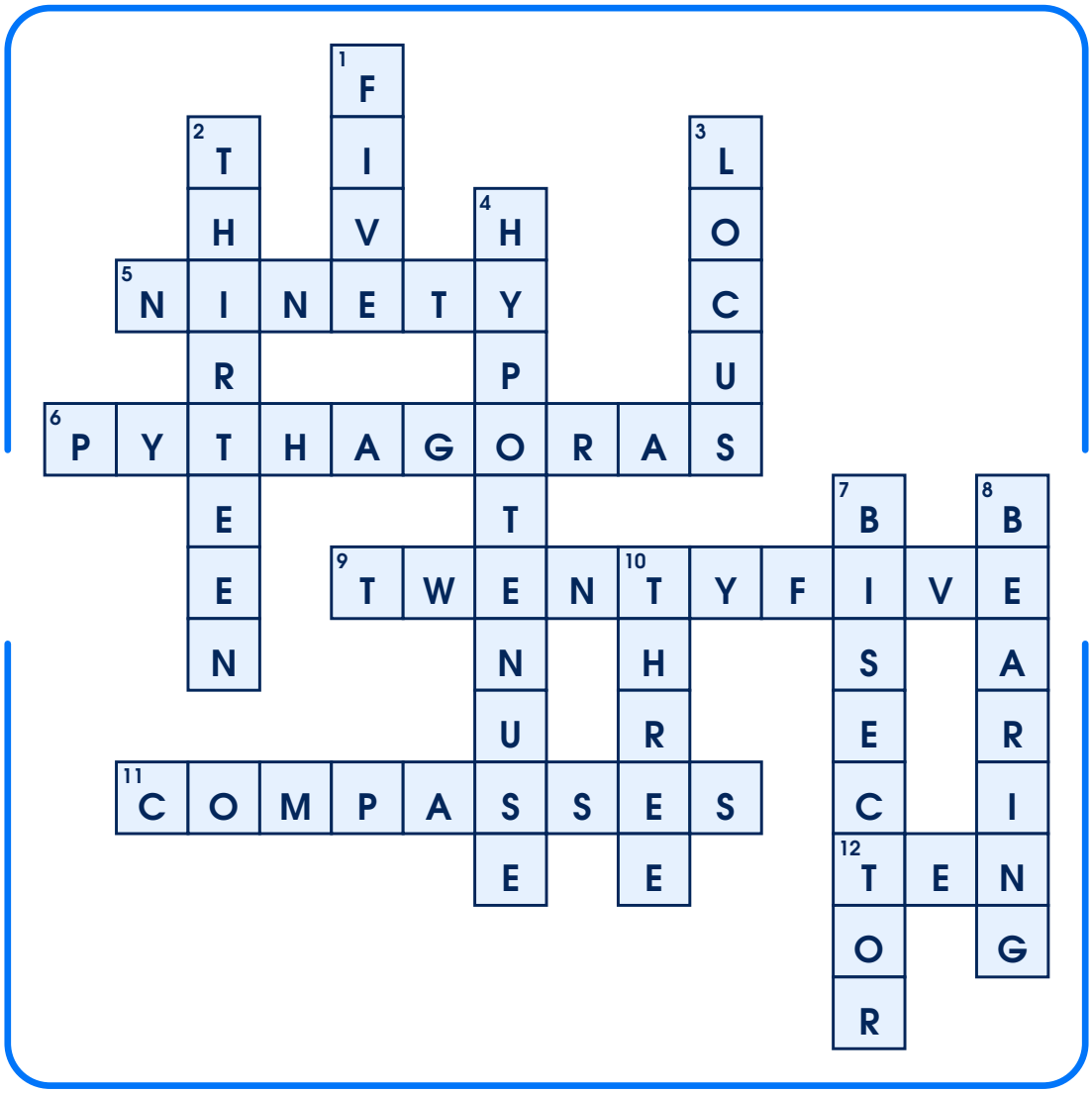
7 A line that cuts something exactly in half (8)

8 An angle measured clockwise from north (7)

10 The number of digits in a bearing (5)

CONSTRUCTIONS, BEARINGS AND PYTHAGORAS

Answers



ACROSS

5 NINETY (90)
6 PYTHAGORAS
9 TWENTYFIVE (25)
11 COMPASSES
12 TEN (10)

DOWN

1 FIVE (5)
2 THIRTEEN (13)
3 LOCUS
4 HYPOTENUSE
7 BISECTOR
8 BEARING
10 THREE (3)