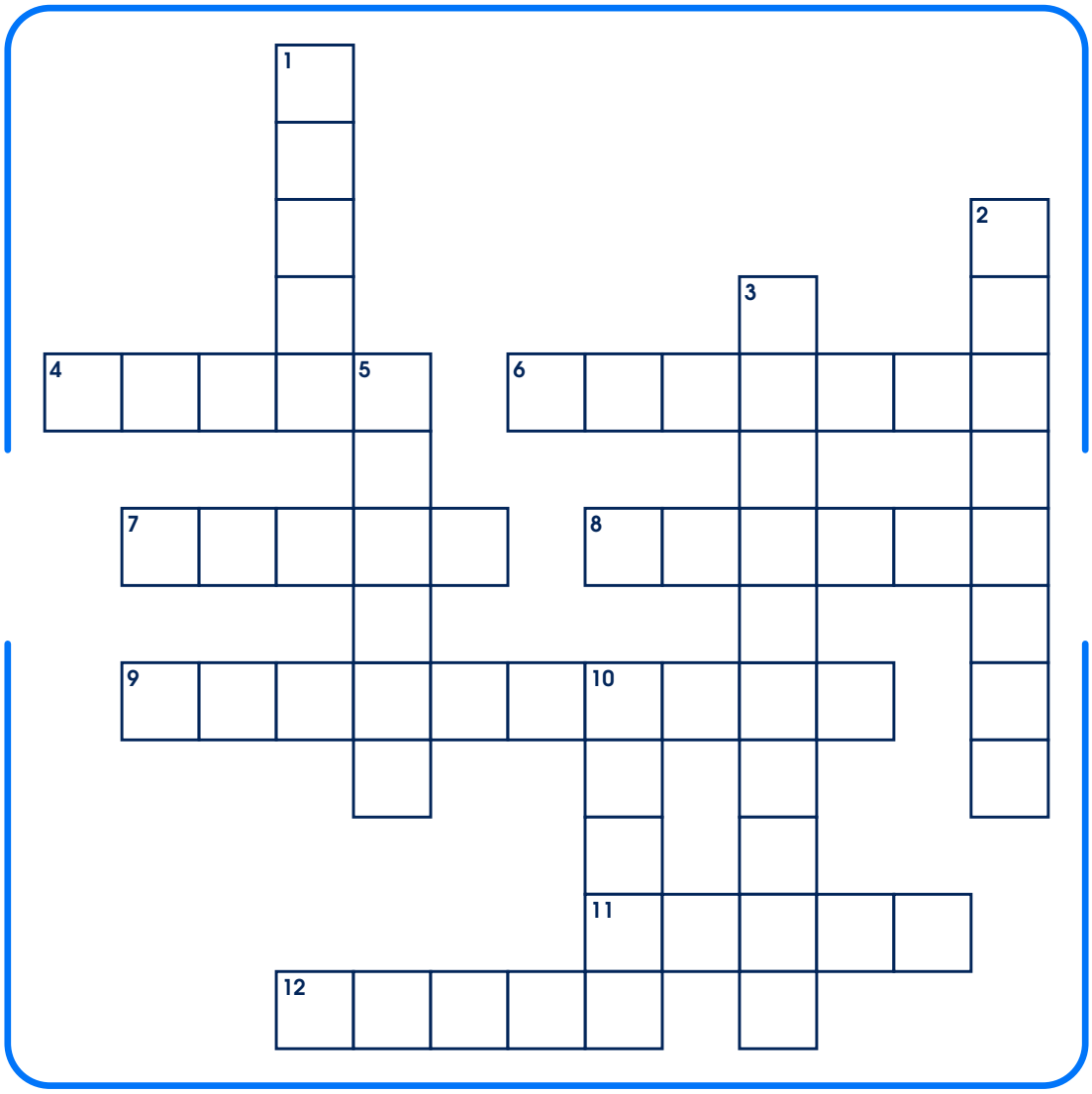
KS3 · ALGEBRA · CROSSWORD 10

REAL-LIFE GRAPHS AND FUNCTIONS

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



ACROSS

4 A function machine adds 5. The output is 13. What is the input? (5)

6 A taxi charges £3 plus £2 per mile. What is the cost, in pounds, of 6 miles? (7)

7 Distance ÷ time (5)

8 What comes out of a function machine (6)

9 A ... graph changes pounds into euros (10)

11 Time in hours: 150 km at 50 km/h (5)

12 Distance in km: 20 km/h for 2 hours (5)

DOWN

1 A diagram showing how two quantities are related (5)

2 A ... machine changes an input into an output (8)

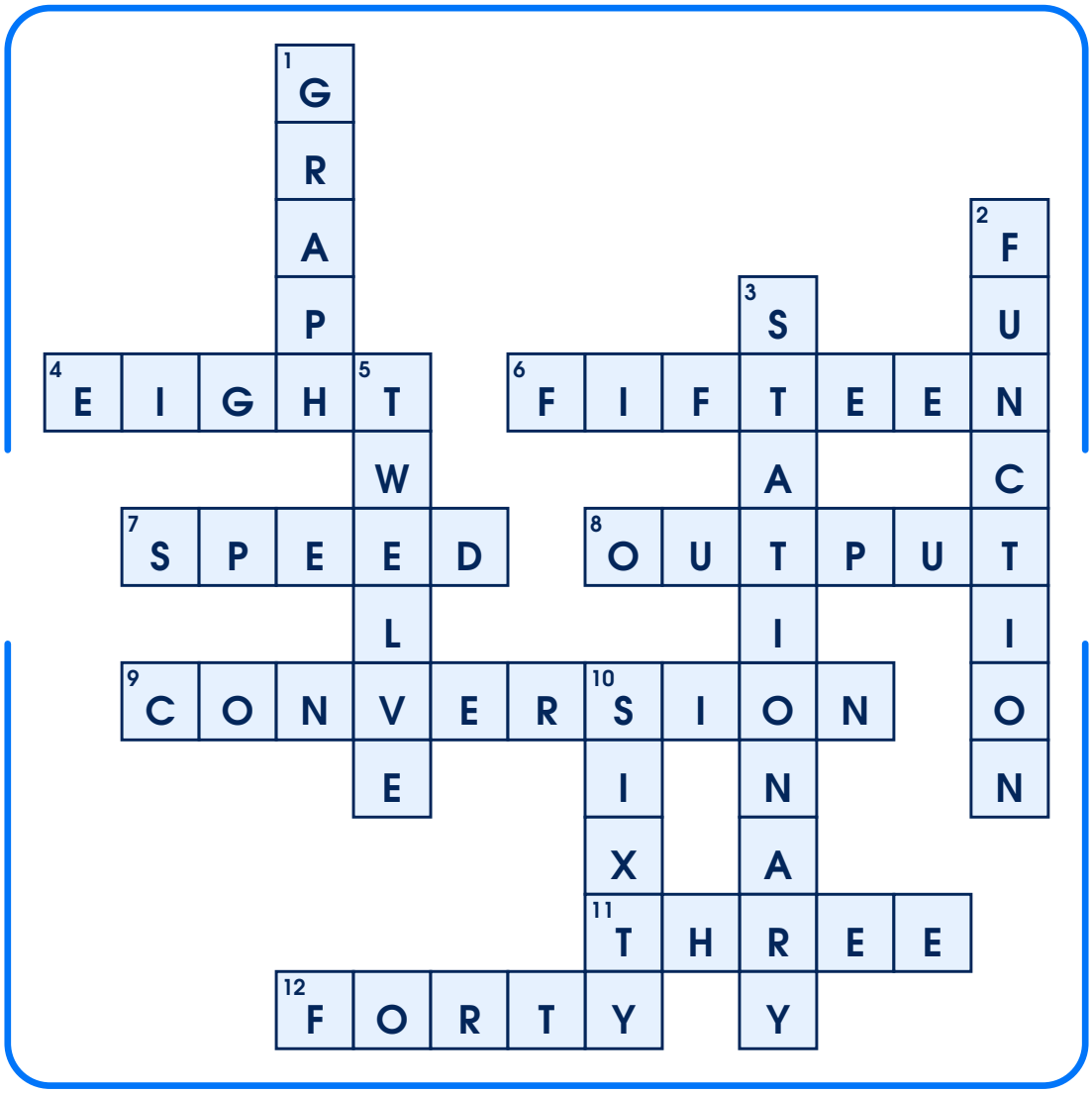
3 A horizontal line on a distance–time graph means the object is ... (10)

5 A function machine multiplies by 3. The input is 4. What is the output? (6)

10 Speed in mph: 120 miles in 2 hours (5)

REAL-LIFE GRAPHS AND FUNCTIONS

Answers



ACROSS

4 EIGHT (8)
6 FIFTEEN (15)
7 SPEED
8 OUTPUT
9 CONVERSION
11 THREE (3)
12 FORTY (40)

DOWN

1 GRAPH
2 FUNCTION
3 STATIONARY
5 TWELVE (12)
10 SIXTY (60)