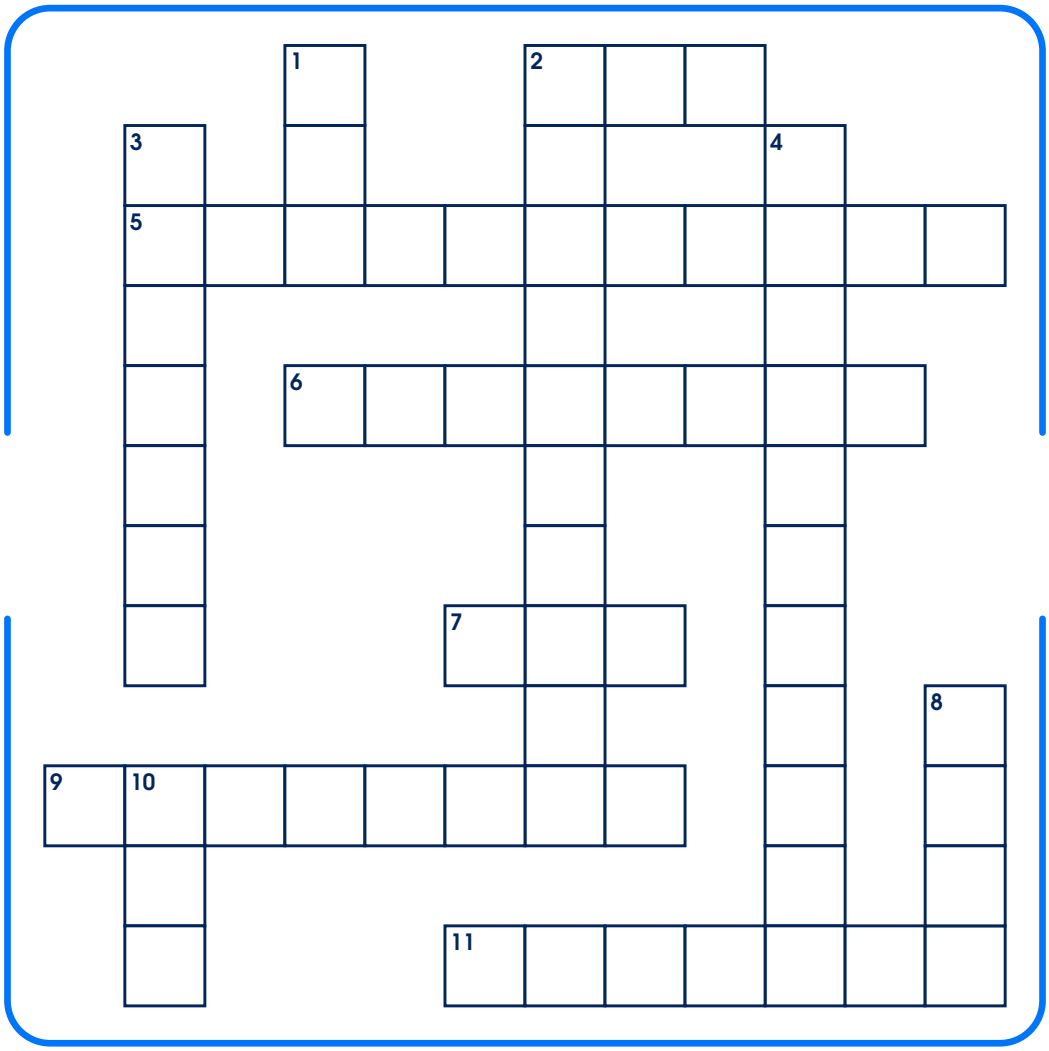
TREE DIAGRAMS AND COMBINED EVENTS

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



ACROSS

2 How many branches come from the start of a tree diagram for one coin flip? (3)

5 Events that do not affect each other (11)

6 ... along the branches (8)

7 A and B are independent. P(A) = 1/2 and P(B) = 1/3. P(A and B) = 1/? (3)

9 Two or more events together (8)

11 Two fair coins are flipped. P(two heads) is one ... (7)

DOWN

1 ... the probabilities of different routes (3)

2 P(red) = 0.5 each time, independently. P(red then red) = 0.?? (6,4)

3 A tree ... shows combined events (7)

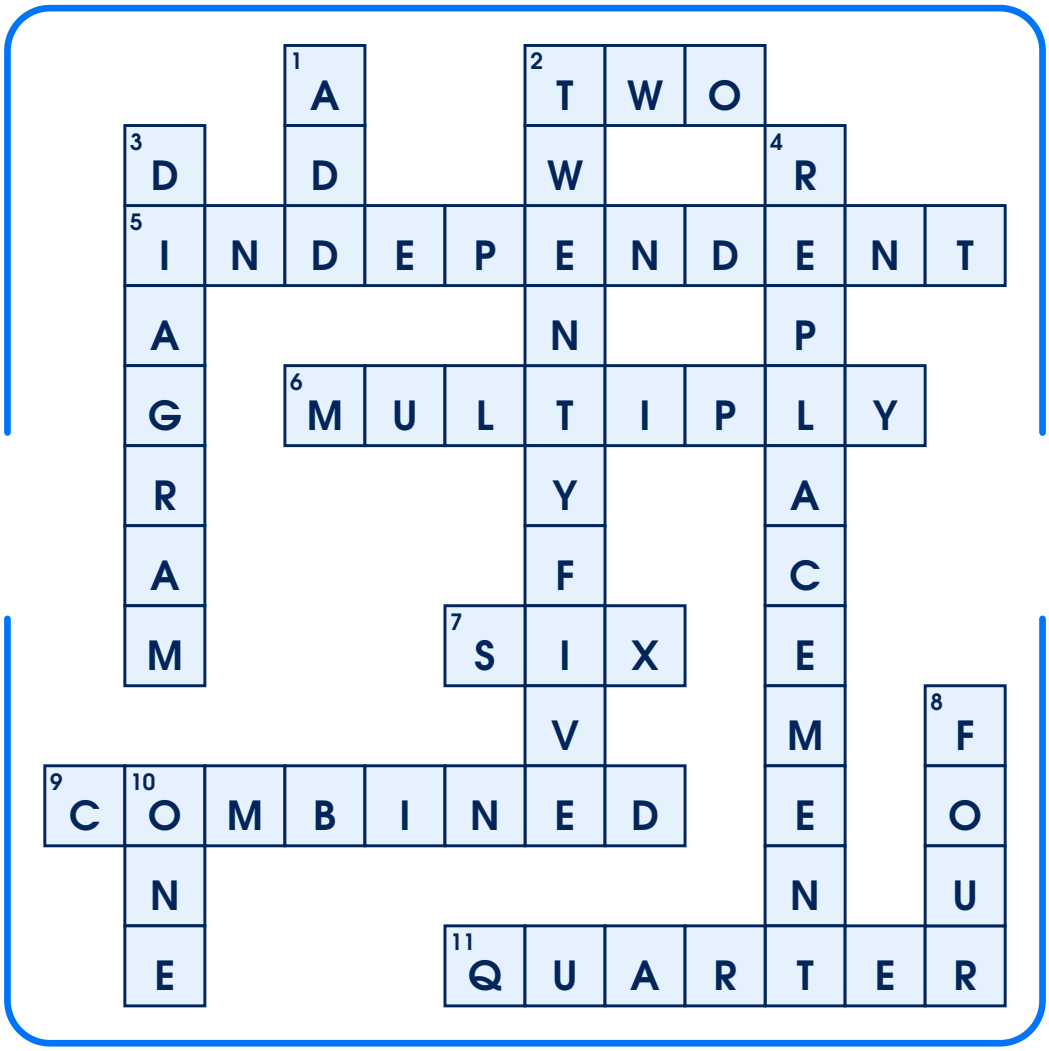
4 Picking without ... changes the probabilities (11)

8 How many outcomes are at the end of a tree diagram for two coin flips? (4)

10 Each pair of branches has probabilities that add up to ... (3)

TREE DIAGRAMS AND COMBINED EVENTS

Answers



ACROSS

2 TWO (2)
5 INDEPENDENT
6 MULTIPLY
7 SIX (6)
9 COMBINED
11 QUARTER

DOWN

1 ADD
2 TWENTYFIVE (25)
3 DIAGRAM
4 REPLACEMENT
8 FOUR (4)
10 ONE (1)