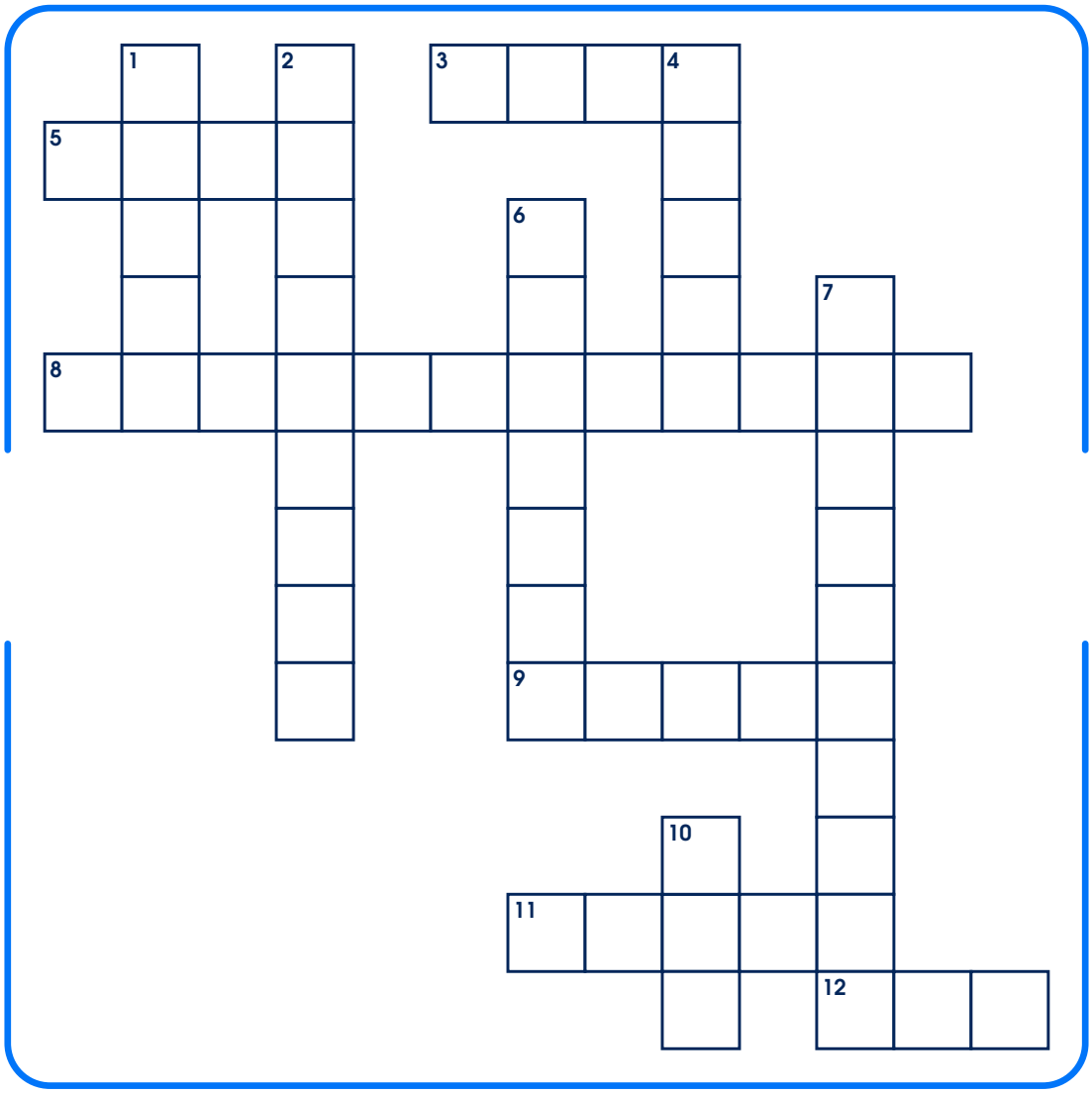
VENN DIAGRAMS AND SETS

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



ACROSS

3 A = {1, 2, 3, 4, 5}. How many elements are in A? (4)

5 A ... diagram uses overlapping circles (4)

8 ∩ means the ... (12)

9 How many factors does 9 have? (5)

11 ∪ means the ... (5)

12 A = {1, 2, 3, 4, 5}, B = {4, 5, 6}. How many elements are in A ∩ B? (3)

DOWN

1 ξ = {1, 2, ..., 10} and A = {1, 2, 3}. How many elements are not in A? (5)

2 ξ is the ... set (9)

4 How many odd numbers are there from 1 to 15? (5)

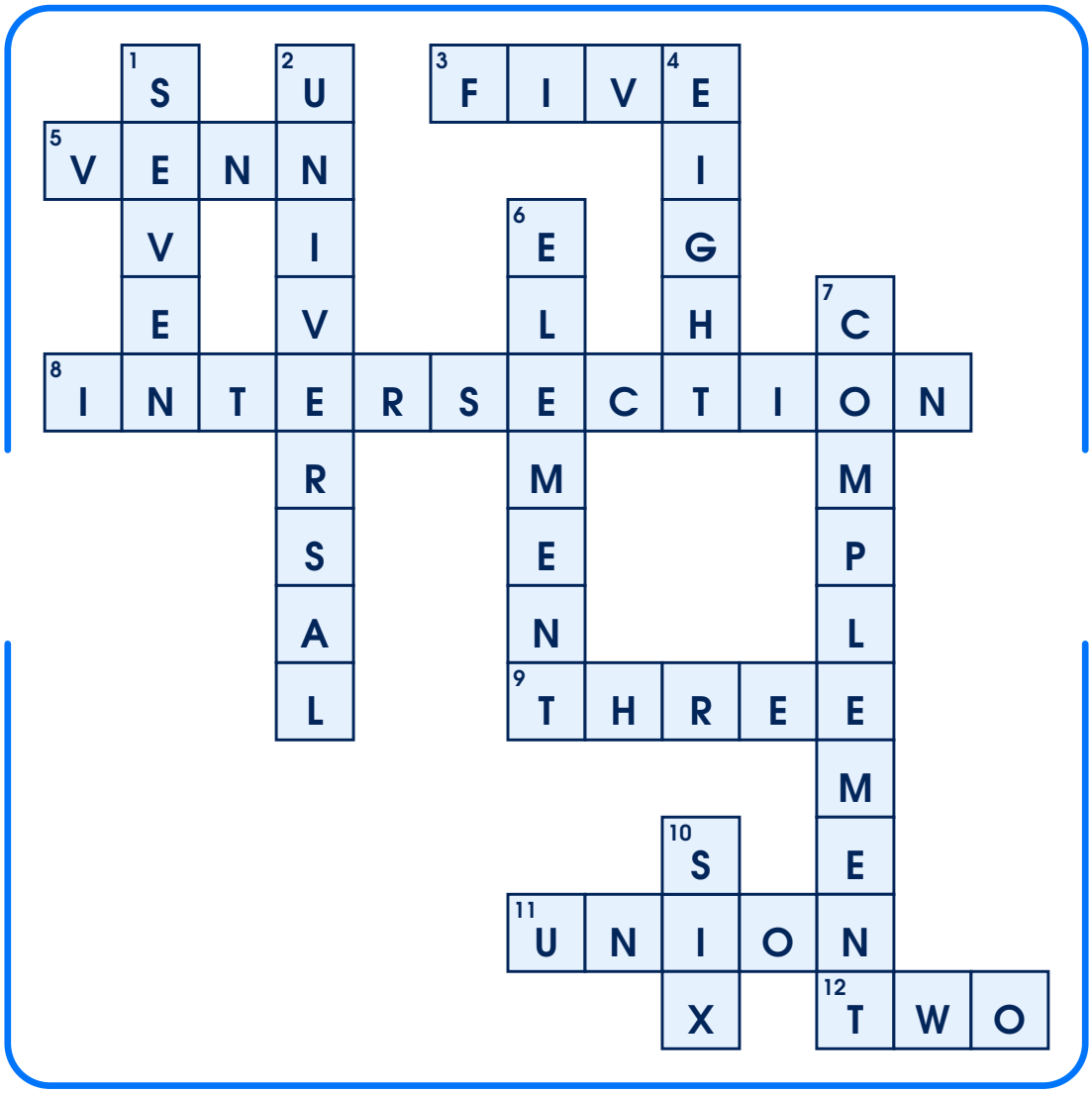
6 A member of a set (7)

7 A′ is the ... of A (10)

10 A = {1, 2, 3, 4, 5}, B = {4, 5, 6}. How many elements are in A ∪ B? (3)

VENN DIAGRAMS AND SETS

Answers



ACROSS

3 FIVE (5)
5 VENN
8 INTERSECTION
9 THREE (3)
11 UNION
12 TWO (2)

DOWN

1 SEVEN (7)
2 UNIVERSAL
4 EIGHT (8)
6 ELEMENT
7 COMPLEMENT
10 SIX (6)