Code Breaker: Venn Diagrams

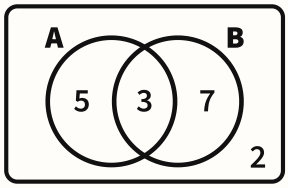
The Maths Habit

CRACK THE CODE

Each number shows how many are in that part of the diagram. Answer the question on each tile. Where there is a **?**, work out the missing number. Look your answer up in the **Code Box** and write the letter it unlocks in the white box. Collect all thirteen letters in the strip, then unscramble them to find the answer.

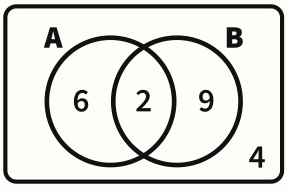
13 CLUES

1



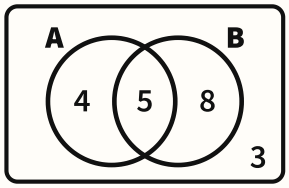
How many in A?

2



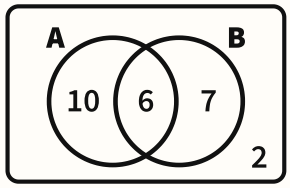
How many in B?

3



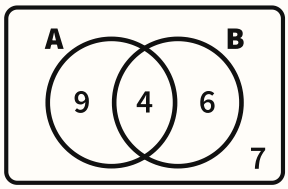
How many in A or B?

4



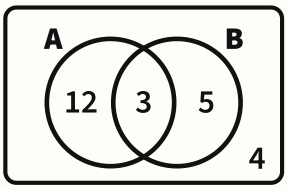
How many altogether?

5



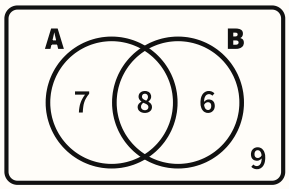
How many not in A?

6



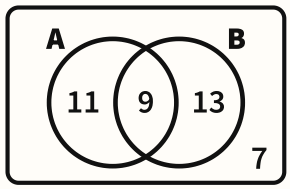
How many in A but not B?

7



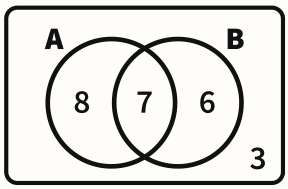
How many not in B?

8



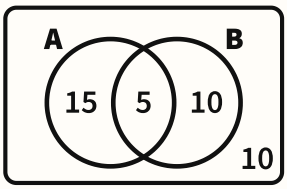
How many in A or B?

9



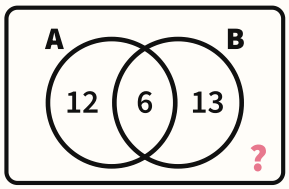
How many in only one set?

10



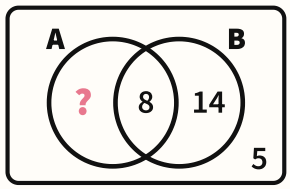
How many in A?

11



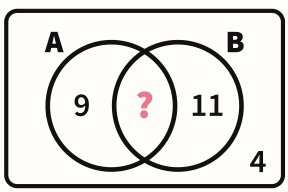
40 altogether

12



46 altogether

13



15 in A

YOUR LETTERS

UNSCRAMBLE Clue: a hot snack (6, 7) _____

CODE BOX

5 = R	**6** = E	**7** = P	**8** = S	**9** = A	**10** = L	**11** = T	**12** = T	**13** = C	**14** = I
15 = M	**16** = E	**17** = O	**19** = H	**20** = E	**22** = N	**23** = D	**25** = S	**30** = U	**33** = E