

Y1 Missing Number Problems

KS1 Y1 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

$$4 + ? = 9$$

Step 1 · We start with 4 and need to reach 9

Count on from 4: 5, 6, 7, 8, 9

Step 2 · Count the jumps

5 jumps

Answer: $4 + 5 = 9$

Check: Put the 5 in the box and read it: $4 + 5$ makes 9 ✓

2. Now try one with the steps

$$15 - ? = 11$$

Step 1 · We start with 15 and end with 11. How many were taken away?

Step 2 · Count the jumps back

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. $3 + \underline{\quad} = 5$

2. $\underline{\quad} + 4 = 10$

3. $8 - \underline{\quad} = 6$

4. $9 = 5 + \underline{\quad}$

5. $__ - 2 = 7$

6. $12 + __ = 15$

7. $14 - __ = 10$

8. $6 + 0 = __$

9. $7 = __ - 9$

10. $20 = 11 + __$

11. $__ - 5 = 13$

12. There are 11 ducks on a pond. Some more arrive. Now there are 17. How many arrived?

13. Hana had 15 beads. She lost some. Now she has 8. How many did she lose?

14. Is this true or false? $4 + 5 = 3 + 6$

4. Before you hand it in

Thinking = means "the answer comes next", so $9 = 5 + __$ looks wrong.

Read = as "is worth the same as". 9 is worth the same as $5 + 4$.

For $3 + __ = 5$, writing 8 (adding the two numbers you can see).

Ask: which number is the whole? Here it is 5, so the missing part is $5 - 3 = 2$.

For $__ - 2 = 7$, writing 5.

Put the parts back together: $7 + 2 = 9$. Check: $9 - 2 = 7$ ✓

Not checking the answer.

Always put your number in the gap and read the whole sentence. Does it make sense?