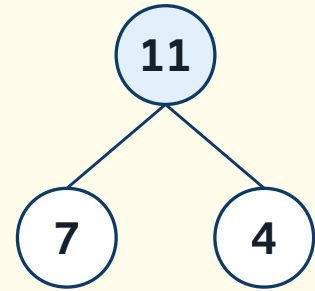


FINDING THE MISSING NUMBER

- 1 The box has 4 added to it and the total is 11.
- 2 Do the opposite: take 4 away from 11.
- 3 $11 - 4 = 7$, so the box holds 7.
- 4 Check: $7 + 4 = 11$. That is true.



WARM-UP

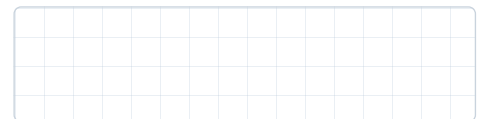
Write the missing number in each box.

1. Work out the number the box stands for in each sentence.
2. Check each one by putting your number back into the sentence.

- $\square + 5 = 13$ _____
- $\square - 2 = 6$ _____
- $\square + 7 = 15$ _____
- $\square - 4 = 9$ _____
- $12 = \square + 8$ _____
- $\square + 6 = 14$ _____

PRACTICE

- 1 Ann has some pencils in a box. When she adds 3 more pencils there are 12 altogether. How many pencils are in the box?



SPOT THE MISTAKE

Aoife works out $\square - 3 = 8$ like this:

$$\begin{aligned}\square - 3 &= 8 \\ \square &= 8 - 3 \\ \square &= 5\end{aligned}$$

Find Aoife's mistake. What is the correct value of $\square$?

The mistake _____ Correct answer _____

REFLECT

Does thinking of equals as balance change how you read a number sentence?