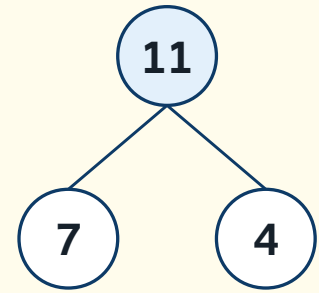


FINDING THE MISSING NUMBER

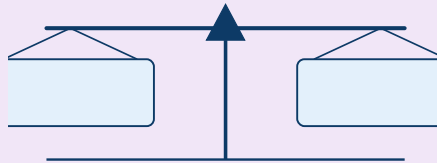
- 1 The box has **4** added to it and the total is **11**.
- 2 Do the opposite: take **4** away from **11**.
- 3 **$11 - 4 = 7$** , so the box holds **7**.
- 4 Check: **$7 + 4 = 11$** . That is true.



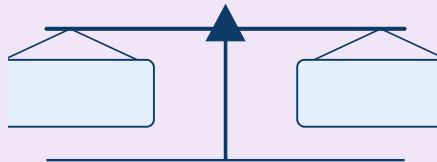
 WARM-UP

Balance each scale by finding the number the box hides, then write it in.

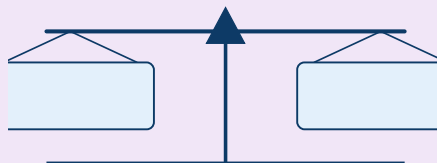
- 1. On the first scale write $\text{box} + 4 = 11$ and find the box.**



- 2.** On the second scale write box - 2 = 6 and find the box.



- 3.** On the third scale write $10 + \text{box} = 17$ and find the box.



PRACTICE

- 1** Ann has some pencils in a box. When she adds **4** more pencils there are **11** 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 $\square$?



x y



ALGEBRA



x y

