

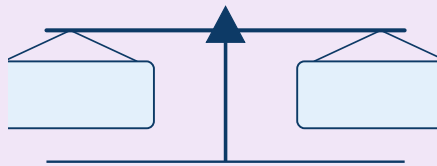
LEVELLING THE BUILDING PANS

- 1 See 6 cubes already on the left pan of the maker balance.
- 2 Build a matching set on the right pan with 4 cubes and then 2 more.
- 3 Both pans are now worth 6 so the beam hangs level and we write $6 = 4 + 2$.

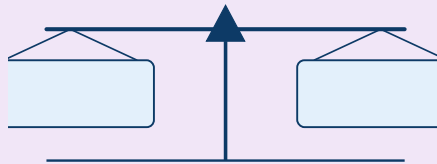
WARM-UP

Use the balance scales to make both sides equal.

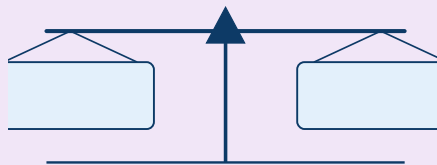
1. Place 8 on the left and build $5 + 3$ on the right so they balance.



2. Show $5 = 2 + 3$ by putting matching cubes on each pan.

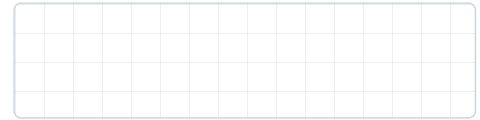


3. Level the beam with $2 + 3$ on one side and $4 + 1$ on the other.



PRACTICE

- 1 While building, the left pan shows 6 bricks. The right pan has 3. What do you add so both sides balance?



SPOT THE MISTAKE

Niamh reads $6 + 3 = \square + 2$ and works like this:

$$\begin{aligned} 6 + 3 &= 9 \\ \text{so } \square + 2 &\text{ must start with } 9 \\ \square &= 9 \end{aligned}$$

Niamh is wrong. What does equals really mean here, and what is $\square$?

Explain _____ Answer

REFLECT

Does equals still mean 'the answer comes next', or something else now?