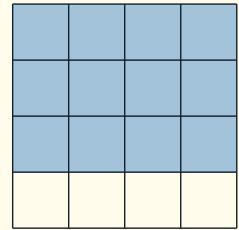


$$4 + 4 + 4 = 3 \times 4$$

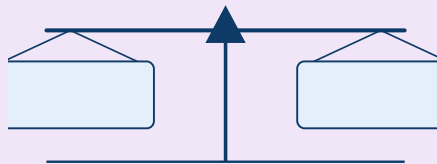
- 1 The grid shows three rows with four squares in each row.
- 2 Three rows of 4 is the same as the addition $4 + 4 + 4$.
- 3 Three lots of 4 is written as the multiplication 3×4 .
- 4 Both equal 12, so $4 + 4 + 4 = 3 \times 4$.



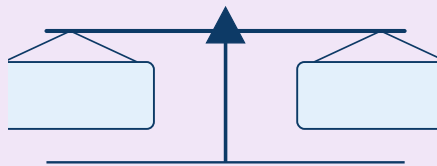
WARM-UP

Level each balance beam: on the left pan is a repeated addition, so write the matching multiplication on the right pan.

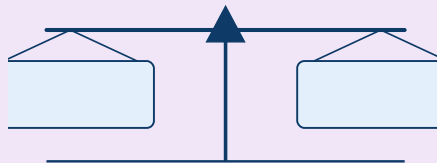
1. On one beam, set $4 + 4 + 4$ on the left and write 3×4 on the right pan.



2. On the next beam, set $5 + 5 + 5 + 5$ on the left and write 4×5 on the right pan.



3. On the last beam, set 2×6 on the right and write the matching repeated addition $6 + 6$ on the left pan.



PRACTICE

- 1 Sam buys 3 apples that each cost 4 cent. Write his repeated addition $4 + 4 + 4$ as a matching multiplication.

SPOT THE MISTAKE

Tomás balances $4 + 4 + 4$ like this:

$$4 + 4 + 4 = 4 \times 4$$

Both sides equal 16

Tomás is wrong. What should the multiplication be, and what do both sides equal?