

WHICH STRATEGY IS BETTER?

Jess was making skipping ropes, 2.8 m long.
The rope was \$5 per metre.
How much did each skipping rope cost?

**1 Place value partitioning**

$$\begin{aligned} 2.8 \times 5 &= (2 \times 5) + (2 \times \underline{\quad}) \\ &= \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

2 Rounding and compensating

$$\begin{aligned} 2.8 \times 5 &= (3 \times \underline{\quad}) - (0.2 \times \underline{\quad}) \\ &= \underline{\quad} - \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

3 Doubling and halving

$$\begin{aligned} 2.8 \times 5 &= \underline{\quad} \times 10 \\ &= \underline{\quad} \end{aligned}$$

4 Which way do you think is most efficient? Why?