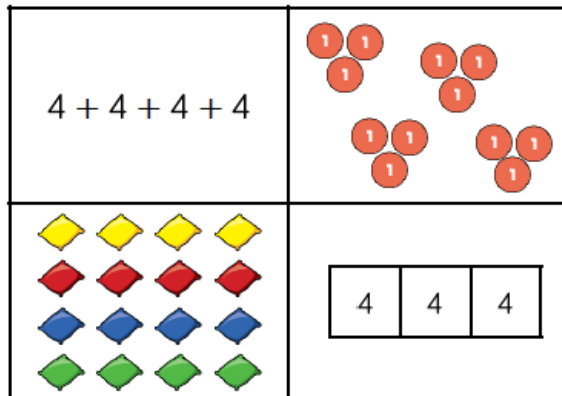


Chilli Challenges

Hot

Which part below does not show counting in fours?



Explain why.

Spicy

I have forgotten what 4×4 is.



Jack says,

“The answer is more than 3×4 ”

Complete the calculation to prove this.

$$4 \times 4 = 3 \times 4 + \underline{\quad}$$

Mo says,

“The answer is 4 less than 5×4 ”

Complete the calculation to prove this.

$$4 \times 4 = \underline{\quad} \times 4 - \underline{\quad}$$

Teddy says,

“The answer is double 2×4 ”

Complete the calculation to prove this.

$$4 \times 4 = \underline{\quad} \times 4 \times \underline{\quad}$$

Whose idea do you prefer? Why?

Answers

Hot

The place value counters do not show counting in fours because each part has 3 in so it is counting in threes.

Spicy

$$\begin{aligned}4 \times 4 \\&= 3 \times 4 + 4 \\&= 12 + 4 \\&= 16\end{aligned}$$

$$\begin{aligned}4 \times 4 \\&= 5 \times 4 - 4 \\&= 20 - 4 \\&= 16\end{aligned}$$

$$\begin{aligned}4 \times 4 \\&= 2 \times 4 \times 2 \\&= 16\end{aligned}$$