

USING ARRAYS TO MULTIPLY

Look closely at this array.

It shows 2 groups of 3 doughnuts.



$$3 + 3 = 2 \times 3 = 6$$

So there are 6 doughnuts in one box.

What can you say about 3×2 and 2×3 ? Explain.

This array shows 3 groups of 2 doughnuts.



$$2 + 2 + 2 = 3 \times 2 = 6$$

So there are 6 doughnuts in one box.



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Write a multiplication for each of these arrays of biscuits.

3 rows of 5 biscuits



4 rows of 10 biscuits



8 rows of 2 biscuits



- 1 If each array was turned a **quarter turn**, would it still have the same number of biscuits?
- 2 Write an equation for each of the turned arrays.
- 3 What do you notice about the two multiplication equations you wrote for each array?