Parent answer key

Split an Array to Multiply

Keep this page with the grown-up.

1 8 on the left, 4 on the right, 12 in all. Both parts have 2 rows.

2 28. The two parts have 20 and 8 squares.

3 40. Any straight split between columns works. For example, 5 × 3 + 5 × 5 = 15 + 25.

4 The right part has 3 rows of 3. It has 9 squares, so the total is 18 + 9 = 27.

5 72. Six rows of 10 make 60, and six rows of 2 make 12. Add 60 + 12.

What did you notice?

Tried alone, tried with help, or skipped? Pointing, building and explaining all count.

Next time

Start with 2 rows of 4 if the picture feels busy. If the idea is clear, ask for two ways to split the same array.