Break Apart

Homework

Rosa broke a rectangle apart to find 4 × 12. Her solution is shown below.

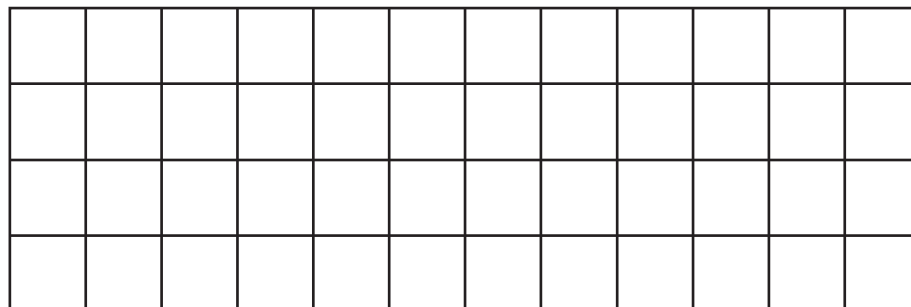|											
			4 × 8 = 32					4 × 4 = 16			
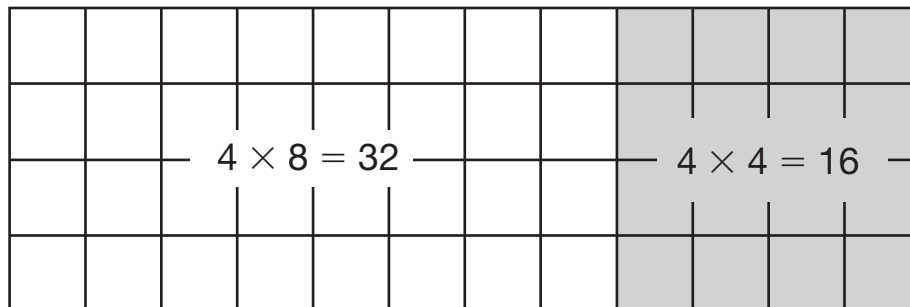
4 × 8 = 32 white squares and 4 × 4 = 16 gray squares.

Altogether, there are 4 × 12 = 4 × 8 + 4 × 4

$$= 32 + 16$$

$$= 48$$

1. Solve the problem by breaking the rectangle apart differently than Rosa. Include number sentences on your rectangles. Complete the number sentence to show your solution.

4 × 12 = _____ × _____ + _____ × _____

= _____ + _____

= _____