# Arrays for multiplication and division

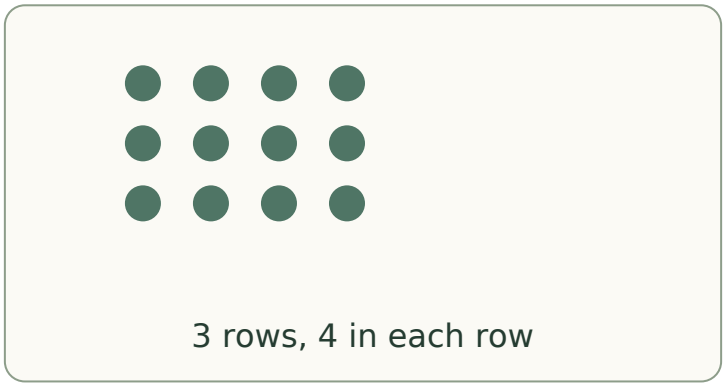
6 practice questions

**1.** Draw 2 rows of 6 dots. Write the total.

2 × 6 = 12. The drawing should have exactly two equal rows.

**Answer:** 12 dots.

**2.** Write a multiplication fact for the supplied array.




The array has 3 rows and 4 columns.

**Answer:** 3 × 4 = 12 or 4 × 3 = 12.

**3.** Eighteen dots are arranged in 3 equal rows. How many are in each row?

$18 \div 3 = 6$.

**Answer:** 6 dots.

**4.** Use an array split to calculate $4 \times 12$.

$4 \times 10 = 40$ and $4 \times 2 = 8$; $40 + 8 = 48$.

**Answer:** 48

**5.** Draw two different rectangular arrays with exactly 20 dots.

Both products are 20. Rotated versions are also valid arrays; accept any two different row counts that divide 20.

**Answer:** For example, 4 rows of 5 and 2 rows of 10.

**6.** An array has 4 rows of 7. Another whole row is added. How many dots are there now?

The new array has 5 rows of 7: $5 \times 7 = 35$.

**Answer:** 35 dots.