Arrays for multiplication and division

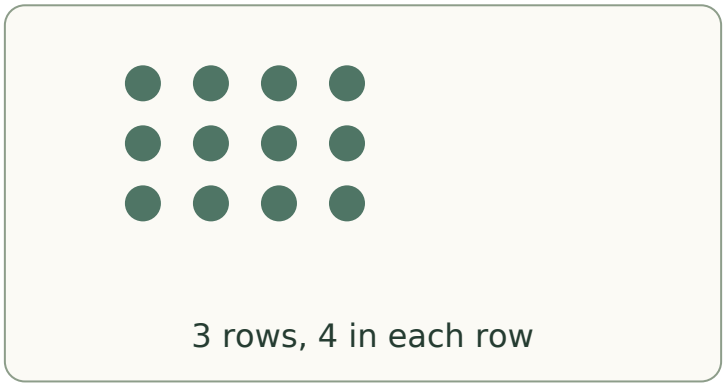
6 practice questions

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

$2 \times 6 = 12$. The drawing should have exactly two equal rows.

Answer: 12 dots.

2. Write a multiplication fact for the supplied array.



3 rows, 4 in each row

The array has 3 rows and 4 columns.

Answer: $3 \times 4 = 12$ or $4 \times 3 = 12$.

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 4×12.

$4 \times 10 = 40$ 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.