



Multiplication: show your thinking

Core skills

Show your thinking with a drawing, words or equations. Work at your own pace.

- 01** Draw 3 rows of 4 dots. Write the multiplication equation.



- 02** There are 5 bags with 6 marbles each. How many marbles?

- 03** Use $5 \times 7 = 35$ to work out 6×7 . Explain the extra step.

- 04** Complete $8 \times \underline{\quad} = 32$. Explain how you checked.

- 05** Seven rows have 3 chairs each. How many chairs?

- 06** Compare 2×6 and 3×4 . Do they give the same total?



Multiplication: show your thinking

Apply and explain

Show your thinking with a drawing, words or equations. Work at your own pace.

- 07** Six trays hold 4 muffins each. How many muffins? Draw the groups.

- 08** Eight teams each need 3 flags. How many flags are needed?

- 09** Three boxes have 6 pencils each, with 2 loose pencils. How many altogether?

- 10** Four packs hold 8 cards each, with 3 extra cards. How many cards?

- 11** Nine pots each have 5 seedlings. How many seedlings are there?

- 12** Write your own equal-group story for 4×7 . Solve it and label the answer.



Multiplication: show your thinking

Answer key - discuss the method as well as the answer

- 01 12** $3 \times 4 = 12$ dots. Each of the three rows has four dots.
- 02 30** Five equal groups of six make 30 marbles.
- 03 42** Add one more group of seven: $35 + 7 = 42$.
- 04 4** $8 \times 4 = 32$. Check by counting 8, 16, 24, 32.
- 05 21** $7 \times 3 = 21$ chairs.
- 06 12** Both give 12. The array shapes differ, but their totals are equal.
- 07 24** $6 \times 4 = 24$ muffins.
- 08 24** $8 \times 3 = 24$ flags. For example, $5 \times 3 + 3 \times 3 = 15 + 9$.
- 09 20** $3 \times 6 = 18$, then $18 + 2 = 20$ pencils.
- 10 35** $4 \times 8 + 3 = 32 + 3 = 35$ cards.
- 11 45** $9 \times 5 = 45$ seedlings.
- 12 28** Stories vary. Four groups of seven must give a total of 28 objects.

Calculations checked 31 October 2026. Independent teacher review is being sought. Questions or corrections: support@dailymathquest.com. Please omit children's personal details.