

Multiplication strategy cards

Suggested: Years 3-4 | Pupil page

Work out 3, 4 and 8 times facts using known facts and doubling.

Name: _____

Date: _____

Use a known fact

$3 \times 6 = \underline{\quad}$

Think: $2 \times 6 + 1 \times 6$

Double a known fact

$4 \times 7 = \underline{\quad}$

Think: double 2×7

Double again

$8 \times 4 = \underline{\quad}$

Think: double 4×4

Near a known fact

$3 \times 9 = \underline{\quad}$

Think: 3×10 minus 3

Explain a link

$4 \times 8 = \underline{\quad}$

How does 8×4 help?

Choose your method

$8 \times 6 = \underline{\quad}$

Which known fact helps you?

Choose one card. Show or explain your steps.

Multiplication strategy cards | Teacher notes

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Purpose and use

Work out 3, 4 and 8 times facts using known facts and doubling.

Teaching notes

The suggested strategies are options. Accept another correct method that pupils can explain.

Use arrays or counters to explain a relationship before moving to recall. This is untimed practice.

Answers / suggested responses

$$3 \times 6 = 18.$$

$$4 \times 7 = 28.$$

$$8 \times 4 = 32.$$

$$3 \times 9 = 27.$$

$$4 \times 8 = 32; \text{ multiplication of these whole numbers is commutative.}$$

$$8 \times 6 = 48; \text{ for example double } 4 \times 6.$$

Print and adapt

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