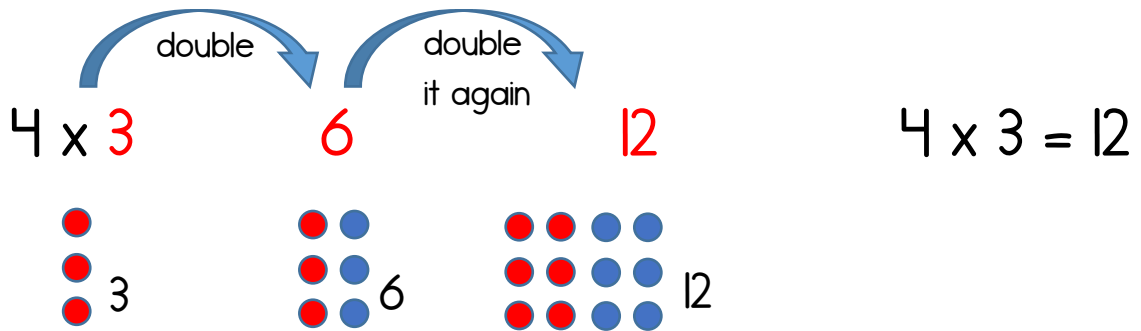


Double Double Strategy

Multiplication Strategies

To work out $4 \times$ a number, we can double it, and then double it again.



Complete the following $4 \times$ facts using the Double Double strategy.

4×6 $6 \times 2 = 12$ $12 \times 2 = 24$ $4 \times 6 = \underline{\quad}$

double double it again

4×8 $8 \times 2 = 16$ $16 \times 2 = 32$ $4 \times 8 = \underline{\quad}$

double double it again

Complete the following $4 \times$ facts using the Double Double strategy.

- | | | | |
|-----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|
| $5 \times 4 = \underline{\quad}$ | $7 \times 4 = \underline{\quad}$ | $9 \times 4 = \underline{\quad}$ | $3 \times 4 = \underline{\quad}$ |
| $8 \times 4 = \underline{\quad}$ | $6 \times 4 = \underline{\quad}$ | $12 \times 4 = \underline{\quad}$ | $4 \times 10 = \underline{\quad}$ |
| $4 \times 11 = \underline{\quad}$ | $4 \times 9 = \underline{\quad}$ | $4 \times 7 = \underline{\quad}$ | $4 \times 12 = \underline{\quad}$ |

Use this strategy to solve the following. Show how you solved each.

$15 \times 4 = \underline{\quad}$	$22 \times 4 = \underline{\quad}$
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