Stage 6

Multiplication & Division Pamphlet

Stage 6

Multiplication & Division Strategies

Using doubling

4 x 8 = ☐

If ... **4 x 4 = 16**

Then ... **4 x 8 = Double 16**

so **4 x 8 = 32**

Stage 6

Multiplication & Division Strategies

Deriving facts

7 x 4 = ☐

First recall a fact you already know

5 x 4 = 20

Add what you need to derive the answer

(2 more lots of 4)

so **7 x 4 = 28**

Stage 6

Multiplication & Division Strategies

Using reversibility

72 ÷ 8 = ☐

Reverse to make a multiplication equation

8 × ☐ = 72

Recall the multiplication fact that fills in the gap

8 × 9 = 72

so **72 ÷ 8 = 9**

Stage 6

Multiplication & Division Strategies

Using proportional adjustment

3 x 12 = ☐

Double and halve the equation to simplify.

Double Halve

3 × 12 → 6 x 6 = 36, so 3 × 12 = 36

60 ÷ 12 =

Halve and halve the equation to simplify.

Halve Halve