Mathematics

# Multiplication facts

Mr Coward
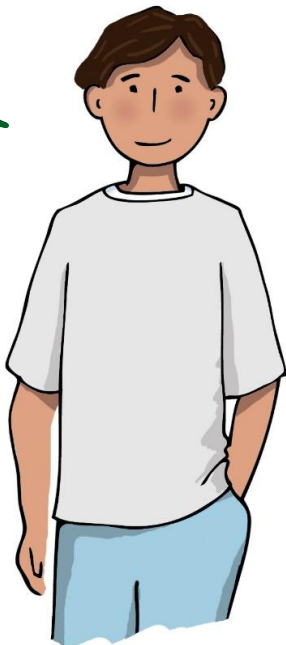
# Try this

We can find the 4 times tables from the 2 times table
e.g. $4 × 7 = 2 × 2 × 7 = 2 × 14 = 28$

Give an example for each of the three statements.

I can work out my 7 times tables using the 5 & 2 times tables

I can halve the 10 times table to find the 5 times table

# Independent task

1) Give an example to show each of the following statements are true.
   An example has been done for you:

   e.g. If I know my 10 and 2 times tables then I can find my 8 times table...

   ...for example, to find 8 × 7 I can subtract 2 × 7 from 10 × 7

a) If I know my 2 times table I can work out my 4 or 8 times table

b) I can find my 9 times table from my 10 times table

c) I can find my 6 times table using the 5 times table

d) I can work out my 7 times table if I know my 5 and 2 times tables

# Independent task

2) Given that 18 × 13 = 234, find the solutions to the following calculations:

a) 9 × 13

b) 36 × 13

c) 9 × 26

d) 19 × 13

e) 28 × 13

f) 18 × 6.5

g) 9 × 6.5

h) 13 × 18

# Explore

Sort the following calculations to create correct pairs.

Complete the blanks where necessary.

| $\_\_ \times (4 \times 5)$ | double $3 \times 5$ | $3 \times (3 \times 3)$ |
|---|---|---|
| $8 \times \_\_\_$ | | $6 \times 5$ |
| $3 \times (4 + 5)$ | triple $4 \times 5$ | double $4 \times 7$ |