

Four fractions

- 1 Which of these fractions do you think will have whole number answers when they are multiplied by 4? []

$\frac{1}{2}$ $\frac{2}{3}$ $\frac{3}{5}$ $\frac{3}{8}$ $\frac{3}{10}$ $\frac{3}{4}$ $\frac{5}{6}$ $\frac{5}{8}$ $\frac{2}{7}$

- 2 Multiply each of the fractions by 4. Simplify the answers where you can.

Remember just to multiply the numerator (top number) by 4.

- 3 Write a multiplication of a fraction by a whole number which gives an answer between 1 and 2.



Written multiplication workout

Use a written method to work out the answers to these multiplications.

- 4 Before you start, say which multiplications (in questions 5 to 12) you think will have the biggest and smallest answers.

Biggest:

Smallest:

5 $3 \times 7314 =$



7 $6 \times 3245 =$



6 $13 \times 26 =$



8 $23 \times 47 =$



Written multiplication workout

9

$5238 \times 4 =$



11

$4136 \times 7 =$



10

$34 \times 52 =$



12

$18 \times 364 =$



Lifelong challenge!

13

How many hours have you been alive?

How many hours are there in a year?
How many hours in a leap year?
How many whole years have you been alive?
And days?



I found this:



Easy



Challenging



I needed help