Fast Five

49 ÷ 1000=

204.2 x 36=

870,000 + 60,000=

3,288 ÷ 24=

83, 250 - 26,124=

Fast Five Answers

49 ÷ 1000= 0.049

204.2 x 36= 7,351.2

870,000 + 60,000= 930,000
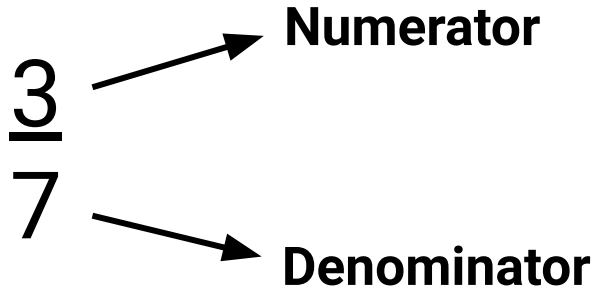
3,288 ÷ 24= 137

83, 250 - 26,124= 57,126

Can I calculate fractions of amounts?

Method

1. Divide by the denominator (bottom)
2. Multiply by the numerator (top)

$\underline{3}$
7

Numerator

Denominator

$\underline{3}$ of 21 = 9
7

1. 21 ÷ 7 = 3
2. 3 x 3 = 9

Example

$$\underline{2} \times 250 = 100$$
$$5$$

$$250 \div 5 = 50$$
$$50 \times 2 = 100$$

Divide by the denominator (5)

Answer multiplied by the numerator (2)

Have a go

$$\frac{4}{9} \times 990$$

How did you do?

$$\frac{4}{9} \times 990$$

We use the same method for 'of' and 'x'.

990 ÷ 9= 110

110 x 4= 440

Try these- the method is the same for 'of' and 'x'

$\underline{5}$ of 560
8

$\underline{2}$ x 819
9

How did you do?

$\frac{5}{8}$ of 560= 350

560 ÷ 8= 70
70 x 5= 350

$\frac{2}{9}$ x 819= 182

819 ÷ 9= 91
91 x 2= 182

Depending on how confident you feel, choose one of the tasks below:

Red
1) $\frac{1}{3}$ of 33

2) $\frac{2}{6}$ x 12

3) $\frac{4}{9}$ x 18

4) $\frac{2}{5}$ of 200

5) $\frac{6}{20}$ of 240

6) $\frac{3}{5}$ x 650

Yellow
1) $\frac{2}{5}$ of 200

2) $\frac{6}{20}$ of 240

3) $\frac{3}{5}$ x 650

4) $\frac{15}{30}$ of 600

5) $\frac{5}{14}$ x 1204

6) $\frac{4}{27}$ x 837

Green
1) $\frac{15}{30}$ of 600

2) $\frac{5}{14}$ x 1204

3) $\frac{4}{27}$ x 837

4) $\frac{200}{1000}$ of 780

5) $\frac{10}{43}$ x 26,316

6) $\frac{8}{76}$ of 34,352