

Level 3 Revision: Fractions and Percentages

A: Finding a fraction of a quantity

Reminders

To find $\frac{3}{7}$ of 504, divide by 7 and multiply by 3

Now try these examples: -

1) $\frac{2}{3}$ of 564

2) $\frac{3}{4}$ of 568

3) $\frac{4}{5}$ of 565

4) $\frac{5}{6}$ of 564

5) $\frac{5}{7}$ of 672

6) $\frac{3}{8}$ of 568

7) $\frac{7}{9}$ of 567

8) $\frac{7}{10}$ of 780

B: Finding Common Percentages

Reminders

Remember: -

$$10\% = \frac{1}{10}$$

$$25\% = \frac{1}{4}$$

$$50\% = \frac{1}{2}$$

$$75\% = \frac{3}{4}$$

Now try these examples: -

1) 10% of 670

2) 25% of 568

3) 50% of 564

4) 75% of 728

5) 25% of 672

6) 10% of 680

7) 50% of 672

8) 75% of 784

C: Finding 20%, 30%, 40% etc.

Reminders

To find 70% of 564: -

Divide 564 by 10 – just write down the answer (56.4)

Multiply the answer by 7 – a “chimney sum” may be necessary ($56.4 \times 7 = 394.8$)

1) 60% of 678

2) 40% of 547

3) 90% of 398

4) 30% of 729

5) 20% of 59.6

6) 60% of 3.92

7) 70% of 6.07

8) 40% of 0.789