

# Fractions, Decimals and Percentages (1)

Name: .....

LITERACY

Describe each of the key words below. Give an example of each.

Fraction

Decimal

Percentage

## RESEARCH

Research 5 different jobs where you would need to use either fractions, decimals or percentages.

## MEMORY

Remember! When we are trying to find a percentage such as 3%. We can find 1% by dividing by 100 and then multiplying by 3.

E.g. 3% of 50

$$1\% = 50/100 = 0.5$$

$$3\% = 0.5 \times 3 = 1.5$$

## SKILL

1. Simplify these fractions and circle any which are equivalents:

a)  $\frac{6}{10}$

b)  $\frac{21}{35}$

c)  $\frac{16}{30}$

d)  $\frac{30}{50}$

2. Find these fractions of amounts:

a)  $\frac{1}{2}$  of 10

b)  $\frac{2}{5}$  of 35

c)  $\frac{4}{7}$  of 49

d)  $\frac{3}{8}$  of 56

3. Find these percentages of amounts:

a) 10% of 90

b) 50% of 82

c) 25% of 44

d) 7% of 90

4. Convert these percentages to a decimal:

a) 30%

b) 7%

c) 11%

d) 49%

5. Convert these percentages to a fraction:

a) 10%

b) 25%

c) 4%

d) 88%

## STRETCH

1. Convert the following decimals into a fraction and a percentage.

a) 0.12

b) 0.05

c) 0.38

d) 0.18

e) 0.66

Due Date: .....