

Level 3-1 Check Up Percentages & Fractions

Calculate each of the following

a) $34.64 + 3.9$

b) 20% of £35

Complete this table showing the connections between fractions, decimals & percentages. The first one has been done for you.

Fraction	Percentage	Decimal
$\frac{1}{2}$	50%	0.5
$\frac{1}{4}$		
$\frac{1}{5}$	20%	
$\frac{3}{4}$		0.75
$\frac{7}{20}$	35%	

Calculate

$$4\frac{1}{4} - 2\frac{1}{2}$$

—

Calculate

$$\frac{3}{4} \text{ of } £8.48$$

Match these numbers in order of size from smallest to biggest.

0.32

$\frac{1}{3}$

30%

0.03

1st

2nd

3rd

4th

Jessie bought these shoes in a sale.
How much did she pay?



30% OFF

Five eighths of the runners in the
Alloa half marathon took under 2
hours. The rest were over 2 hours.

What fraction were over 2 hours?

—

What fraction is $\frac{1}{2}$ of $\frac{1}{4}$?

—

A parrot has on average 300 feathers.

The multi-coloured Alouatta parrot has $\frac{3}{10}$ of its feathers red, 25% of its feathers blue and the rest of its feathers yellow?

How many yellow feathers does it have?



Change this 'top heavy' fraction into a mixed number.

$$\frac{25}{7}$$

—

Change this mixed number into a 'top heavy' fraction.

$$3\frac{4}{5}$$

—

Change this decimal into a
Fraction in its simplest form

2.8

—

Change this fraction into a
decimal. Give your answer correct 3
decimal places.

$\frac{4}{7}$

This painting increased in value by 15%.
What is the new value of the painting?



£80 000

Jammy Dodger scored 24 out of
30 in his Maths test.

Calculate his percentage score.

Targets

0 - 5 = Bronze

5.1 - 7 = Silver

7.1 - 10 = Gold