

1.

(a) Express 0.03 as a fraction.

2.

(a) Express $\frac{7}{100}$ as a decimal.

(b) Express 0.08 as a percentage.

3.

(a) Express $\frac{13}{20}$ as a decimal.

(b) In a test, Rose scored 56 marks out of 70.
Express this score as a percentage.

4.

- (a) The number 222.222 is written in the answer space.
Circle the digit which represents the value 2×10^0 .

- (b) Write 5×10^{-2} as a fraction in its simplest form.

5.

- (a) Express 0.527 as a percentage.

- (b) Express $17\frac{1}{2}\%$ as a decimal.

6.

It is given that $\frac{2}{3}$, $\frac{8}{d}$ and $\frac{n}{39}$ are equivalent fractions.

Find the value of d and the value of n .

(b) Express 0.82 as a percentage.

7.

(b) Evaluate $\frac{1}{1.25}$ as a decimal.

8.

(a) Express 18% as a fraction in its lowest terms.

9.

(a) It is given that $\frac{1}{5} < n < \frac{1}{4}$.

Write down a decimal value of n that satisfies this inequality.

(b) Express $\frac{48}{60}$ as a percentage.

10.

(b) Express 1.03 as a percentage of 1.

11.

(a) Express 72% as a fraction in its lowest terms.

(b) Write down **two** fractions that are equivalent to 0.4 .

12.

(b) Express 7% as a decimal.

A bag contains red, yellow and green sweets.

$\frac{2}{5}$ of the sweets are red and $\frac{1}{4}$ of the sweets are yellow.

What fraction of the sweets are green?

13.

A bag contains red counters and blue counters.

On each counter there is either an odd or an even number.

The table shows the number of counters of each type.

	Odd	Even
Red	6	9
Blue	5	3

(a) Find the fraction of the counters that are blue.

14.

- (b) Write $\frac{8}{25}$ as a decimal.

15.

It is given that $\frac{3}{4} < n < \frac{7}{8}$.

- (a) Write down a decimal value of n that satisfies this inequality.

- (b) Write down a fractional value of n that satisfies this inequality.

16

- (a) Express $3\frac{3}{4}\%$ as a fraction in its simplest form.

17.

Complete the table.

Fraction		Decimal		Percentage	
$\frac{1}{2}$	=	0.5	=	50%	
$\frac{3}{20}$	=		=		
.....	=		=	62.5%	

18.

(a) Express $\frac{72}{108}$ as a fraction in its lowest terms.