

Converting Between Fractions, Decimals and Percentages



Past Paper Questions

Q1.

Write 0.075 as a fraction.
Give your fraction in its simplest form.

.....

(Total for question = 2 marks)

Q2.

Write 0.19 as a fraction.

.....

(Total for question = 1 mark)

Q3.

Write $\frac{3}{5}$ as a percentage.

..... %

(Total for question = 1 mark)

Q4.

(a) Write 0.1 as a fraction.

.....

(1)

(b) Write $\frac{1}{4}$ a decimal.

.....

(1)

(Total for Question is 2 marks)



Q5.

(a) Write $\frac{3}{4}$ as a decimal.

.....
(1)

(b) Write 0.3 as a fraction.

.....
(1)

(Total for Question is 2 marks)

Q6.

(a) Write $\frac{1}{4}$ as a decimal.

.....
(1)

(b) Write 0.15 as a fraction.

.....
(1)

(c) Write 17 out of 40 as a fraction.

.....
(1)

(Total for question = 3 marks)



Q7.

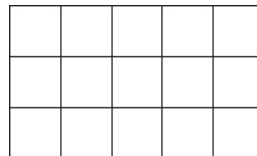
(a) Write $\frac{1}{4}$ as a decimal.

.....
(1)

(b) Write the fraction $\frac{18}{24}$ in its simplest form.

.....
(1)

(c) Shade $\frac{3}{5}$ of this shape.



(1)

(Total for Question is 3 marks)

Q8.

(a) Write $\frac{1}{2}$ as a decimal.

.....
(1)

(b) Write 0.75 as a fraction.

.....
(1)

(c) Write 19 out of 30 as a fraction.

.....
(1)

(Total for Question is 3 marks)



Q9.

(a) Write $\frac{1}{2}$ as a decimal.

.....
(1)

(b) Write 0.3 as a fraction.

.....
(1)

(c) Write 0.8 as a percentage.

..... %
(1)

(d) Work out 7.2×8

.....
(1)

(e) Work out $\frac{7}{12} - \frac{3}{12}$

Give your answer as a fraction in its simplest form.

.....
(2)

(Total for question = 6 marks)



Q10.

(a) Write $\frac{7}{10}$ as a decimal.

.....
(1)

(b) Write 0.45 as a percentage.

..... %
(1)

(c) Write 30% as a fraction.
Give your fraction in its simplest form.

.....
(2)

(d) Write the number 2.738 correct to 2 decimal places.

.....
(1)

(Total for Question is 5 marks)

Q11.

(a) Write 0.7 as a fraction.

.....
(1)

(b) Write 0.3 as a percentage.

.....
(1)

(c) Write $\frac{8}{12}$ in its simplest form.

.....
(1)

(Total for Question is 3 marks)



Q12.

Write 0.037 as a fraction.

.....

(Total for question = 1 mark)

Q13.

Write 0.21 as a fraction.

.....

(Total for question is 1 mark)

Q14.

Write $\frac{7}{16}$ as a decimal.

.....

(Total for question = 1 mark)

Q15.

Write $\frac{7}{100}$ as a decimal.

.....

(Total for question = 1 mark)



Q16.

Write $\frac{4}{5}$ as a percentage.

..... %

(Total for question = 1 mark)

Q17.

Write $\frac{7}{10}$ as a percentage.

..... %

(Total for question = 1 mark)

Q18.

Write $\frac{7}{20}$ as a percentage.

..... %

(1)

(Total for question = 1 mark)

Q19.

Write $\frac{4}{50}$ as a percentage.

..... %

(Total for question = 1 mark)



Q20.

(a) Write $\frac{1}{4}$ as a decimal.

.....
(1)

(b) Write 0.7 as a fraction.

.....
(1)

(c) Write 42 out of 50 as a fraction.

Give your fraction in its simplest form.

.....
(2)

(d) Write 120 as a percentage of 240

..... %
(1)

(Total for question = 5 marks)