

Q1 June 2017

4 Here are four fractions.

$$\frac{2}{5}$$

$$\frac{11}{30}$$

$$\frac{1}{2}$$

$$\frac{7}{15}$$

Write these fractions in order of size.
Start with the smallest fraction.

(Total for Question 4 is 2 marks)

Q2 June 2017

6 There are 495 coins in a bottle.

$\frac{1}{3}$ of the coins are £1 coins.

124 of the coins are 50p coins.

The rest of the coins are 20p coins.

Work out the total value of the 495 coins.

£.....

(Total for Question 6 is 4 marks)

16 An exam has two papers, Paper 1 and Paper 2

Paper 1 has 60 marks.

Paper 2 has 90 marks.

The pass mark is $\frac{2}{3}$ of the total number of marks.

Danielle gets 70% of the marks for Paper 1

How many of the marks for Paper 2 must Danielle get in order to get the pass mark?

(Total for Question 16 is 4 marks)

Q4 June 2022

2 Write a fraction in the box to make the calculation correct.

$$1 - \frac{3}{10} =$$

(Total for Question 2 is 1 mark)

Q5 June 2022

14 The box below contains three mathematical symbols.

$=$ $<$ $>$

From the box, choose a symbol to make each of the following statements correct.

(i) $\frac{5}{8}$ $\frac{2}{8}$ (1)

(ii) -2×-3 $-3 + 9$ (1)

(Total for Question 14 is 2 marks)

Q6 June 2023

13 There are 50 teachers in a school.

This is $\frac{1}{16}$ of the total number of people in the school.

Work out the total number of people in the school.

(Total for Question 13 is 2 marks)

Q7 June 2024

12 Saira buys 24 bars of chocolate.

$\frac{2}{3}$ of the 24 bars are white chocolate.

The rest of the 24 bars are milk chocolate.

Each milk chocolate bar has a weight of 35 grams.

Work out the total weight of the milk chocolate bars that Saira buys.

..... grams

(Total for Question 12 is 3 marks)

6 Here are four fractions.

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

$$\frac{5}{7}$$

$$\frac{19}{25}$$

$$\frac{11}{15}$$

Write the fractions in order of size.
Start with the smallest fraction.

(Total for Question 6 is 2 marks)

Q9 Nov 2019

- 7 Harry has 20 sweets.
He gives 7 of the sweets to Nadia.

What fraction of the 20 sweets does Harry have now?

(Total for Question 7 is 2 marks)

Q10 Nov 2019

12 Find the number that is exactly halfway between $\frac{1}{10}$ and $\frac{3}{5}$

(Total for Question 12 is 2 marks)

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Danielle gets 70% of the marks for Paper 1

How many of the marks for Paper 2 must Danielle get in order to get the pass mark?

(Total for Question 16 is 4 marks)

Q12 Nov 2021

10 Write 17 as a fraction of 30

(Total for Question 10 is 1 mark)

Q13 Nov 2021

- 15** Write the following fractions in order of size.
Start with the smallest fraction.

$$\frac{5}{8} \quad \frac{2}{3} \quad \frac{4}{9} \quad \frac{3}{5}$$

(Total for Question 15 is 2 marks)

19 Rachel, Samina and Tom share £600 between them.

Rachel gets $\frac{2}{5}$ of the £600

Samina gets $\frac{1}{4}$ of the money that is left over.

Tom gets the rest of the money.

Tom says,

“I would have got more money if we had shared the £600 equally between us.”

Is Tom correct?

You must show how you get your answer.

(Total for Question 19 is 4 marks)

12 (a) Work out $\frac{5}{8}$ of 132

.....
(2)

(b) Write the following fractions in order of size.
Start with the smallest fraction.

$$\frac{3}{8}$$

$$\frac{9}{32}$$

$$\frac{1}{4}$$

$$\frac{21}{64}$$

.....
(2)

(Total for Question 12 is 4 marks)