

Non-Calculator

Q1.

(a) Work out $9174 \div 11$

Answer _____

(2)

(b) Work out $\frac{5}{6} + \frac{3}{7}$

Give your answer as a mixed number.

Answer _____

(3)

(Total 5 marks)

Q2.

Work out $\frac{5}{6} \times \frac{3}{20}$

Give your answer as a fraction in its simplest form.

Answer _____

(Total 3 marks)

Q3.

Two positive fractions add up to $\frac{1}{6}$. Each fraction has a different value. What could the fractions be?

Give one possible answer.

Answer _____ + _____ = $\frac{1}{6}$
(Total 3 marks)

Q4.

Work $2\frac{1}{8} - \frac{2}{3}$ out

Answer _____
(Total 3 marks)

Q5.

Kerry needs $\frac{2}{3}$ of a tank of petrol to drive home.

She has $\frac{5}{8}$ of a tank of petrol.

Does she have enough petrol to drive home?

You must show your working.

(Total 2 marks)

Q6.

- (a) Work out $\frac{1}{3} \times \frac{1}{4}$

Answer _____

(1)

- (b) What fraction is half way between $\frac{1}{4}$ and $\frac{1}{2}$?

Answer _____

(3)

(Total 4 marks)

Q7.

- (a) Write $2\frac{5}{7}$ as an improper fraction.

Answer _____

(1)

- (b) Circle the fraction that is equivalent to $\frac{2}{3}$

$$\frac{4}{9}$$

$$\frac{7}{8}$$

$$\frac{15}{20}$$

$$\frac{16}{24}$$

(1)

- (c) Put the numbers 2, 4, 5 and 9 in the boxes to make the fraction equal to the decimal.

$$\frac{\square}{\square} = \square \cdot \square$$

(1)

(Total 3 marks)

Q8.

Circle the fraction that is not equivalent to $\frac{3}{8}$

$$\frac{6}{16}$$

$$\frac{9}{24}$$

$$\frac{12}{32}$$

$$\frac{15}{35}$$

(Total 1 mark)

Q9.

Work out $2\frac{3}{4} \times 1\frac{7}{9}$ your answer as a mixed number.

Answer _____

(Total 3 marks)

Q10.

Work out $2\frac{3}{4} \times 1\frac{5}{7}$ your answer as a mixed number in its simplest form.

Answer _____

(Total 3 marks)

Q11.

- (a) Work out $\frac{1}{4} + \frac{7}{10}$
Give your answer as a fraction.

Answer _____

(2)

- (b) Work out $\frac{3}{5} \times \frac{7}{2}$
Give your answer as a mixed number.

Answer _____

(2)

(Total 4 marks)

Q12.

$\frac{3}{5}$ of a number is 162
Work out the number.

Answer _____

(Total 2 marks)

Calculator

Q13.

What fraction is half way between $\frac{1}{4}$ and $\frac{1}{8}$?

Give your answer as a fraction in its simplest form.

Answer _____

(Total 3 marks)

Q14.

Circle the fraction greater than $\frac{3}{10}$

$$\frac{1}{3}$$

$$\frac{3}{11}$$

$$\frac{4}{15}$$

$$\frac{29}{100}$$

(Total 1 mark)