



Name: _____ Date: _____ Score: _____ / 34

- 1 Three of these fractions are equivalent to $\frac{3}{4}$.

$$\frac{6}{8} \quad \frac{9}{12} \quad \frac{12}{16} \quad \frac{15}{24}$$

Write down the fraction that is **not** equivalent to $\frac{3}{4}$.

(1 mark)

Answer _____

- 2 a. Find the missing number: $\frac{2}{3} = \frac{\square}{12}$

b. Find the missing number: $\frac{5}{9} = \frac{20}{\square}$

c. Write $\frac{18}{24}$ in its simplest form.

(3 marks)

Answer _____

- 3 a. Write $2\frac{3}{5}$ as an improper fraction.

b. Write $\frac{17}{4}$ as a mixed number.

c. Write $\frac{23}{6}$ as a mixed number.

(3 marks)

Answer _____

- 4 Work out $\frac{3}{4}$ of 92

(1 mark)

Answer _____

5 Write <, > or = in each box to make the statement true.

a. $\frac{3}{4} \square \frac{5}{8}$

b. $\frac{2}{5} \square \frac{6}{15}$

c. $1\frac{1}{3} \square \frac{7}{5}$

d. Ava writes $\frac{4}{6} \neq \frac{6}{9}$. Is Ava correct? Give a reason for your answer.

(4 marks)

Answer _____

6 Write these fractions in order of size, starting with the smallest.

$\frac{2}{3}$ $\frac{3}{4}$ $\frac{7}{12}$ $\frac{5}{6}$

(2 marks)

Answer _____

7 Work out

a. $3 \times \frac{2}{7}$

b. $\frac{4}{5} \div 2$

c. $5 \times \frac{3}{4}$, giving your answer as a mixed number.

(3 marks)

Answer _____

8 Work out

a. $\frac{3}{4} + \frac{1}{6}$

b. $\frac{5}{6} - \frac{2}{9}$

(4 marks)

Answer _____

9 Work out $4\frac{2}{5} - 1\frac{3}{4}$

Give your answer as a mixed number in its simplest form.

(3 marks)

Answer _____

10 96 pupils go on a school trip. $\frac{5}{8}$ of the pupils are in Year 7.

$\frac{1}{3}$ of the Year 7 pupils bring a packed lunch.

How many Year 7 pupils do not bring a packed lunch?

(3 marks)

Answer _____

11 Work out $3\frac{1}{3} \div 2\frac{1}{2}$

Give your answer as a mixed number in its simplest form.

(3 marks)

Answer _____

12

A rectangular vegetable patch is $2\frac{1}{2}$ m long and $1\frac{1}{3}$ m wide.

- Work out the area of the vegetable patch. Give your answer as a mixed number.
- Work out the perimeter of the vegetable patch. Give your answer as a mixed number.

(4 marks)

Answer

End of questions | Total 34 marks