



Scan for the solutions

Name: _____ **Date:** _____ **Score:** _____ / 36

1

- a. Write down the denominator of the fraction $\frac{15}{35}$
- b. Write $\frac{15}{35}$ in its simplest form.
- c. Write $\frac{24}{36}$ in its simplest form.

(3 marks)

Answer _____

2

- a. Find the values of a and b .

$$\frac{3}{4} = \frac{a}{20} = \frac{21}{b}$$

- b. Write = or $\neq$ between each pair of fractions.

(i) $\frac{6}{9} \text{ — } \frac{2}{3}$ (ii) $\frac{10}{12} \text{ — } \frac{4}{5}$

(4 marks)

Answer _____

3

Choose the correct symbol, $<$, $>$ or $=$, to make each statement true.

a. $\frac{3}{5} \text{ — } \frac{7}{10}$

b. $\frac{4}{6} \text{ — } \frac{2}{3}$

(2 marks)

Answer _____

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

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

(2 marks)

Answer _____

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

b. Write $\frac{29}{6}$ as a mixed number.

(2 marks)

Answer _____

6 a. Write $\frac{3}{8}$ as a decimal.

b. Write 0.45 as a fraction in its simplest form.

c. Which is bigger, $\frac{7}{20}$ or 0.36? Show how you decide.

(3 marks)

Answer _____

7 Maya has £64.

She spends $\frac{3}{8}$ of her money.

Work out how much money Maya has left.

(3 marks)

Answer _____

8 Work out

a. $\frac{3}{4} \times 12$

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

c. $5 - 2\frac{3}{8}$

(3 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 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 _____

11 a. Work out $1\frac{3}{4} + 2\frac{5}{6}$

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

b. Work out $2\frac{1}{2} \times 1\frac{1}{5}$

(4 marks)

Answer _____

12

Amara bakes cakes. Each cake needs $2\frac{1}{4}$ cups of flour.

- a. How many cups of flour does she need for 3 cakes? Give your answer as a mixed number.
- b. Amara has 10 cups of flour. Work out how many whole cakes she can make, and how much flour she has left over.

(4 marks)

Answer

End of questions | Total 36 marks