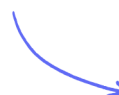


Fractions Toolkit

Basic Fractions / Mixed Numbers & Improper Fractions / Adding & Subtracting Fractions / Multiplying & Dividing Fractions

Easy (12 questions)	/25
Medium (10 questions)	/28
Hard (15 questions)	/46
Total Marks	/99

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Easy Questions

- 1 Write \$24.60 as a fraction of \$2870.

Give your answer in its lowest terms.

(2 marks)

- 2 Work out $\frac{7}{11}$ of 198 kg.

..... kg

(2 marks)

- 3 Work out $3\frac{3}{4} \times \frac{7}{9}$.

(3 marks)

- 4 (a) Work out $\frac{1}{7} \times \frac{2}{3}$.

(1 mark)

- (b) Work out $\frac{3}{5} - \frac{1}{3}$.

(2 marks)

- 5 Lily's age is 2 years and 4 months.
Hugo's age is 1 year and 8 months.

Write Lily's age in months as a fraction of Hugo's age in months. Give your fraction in its simplest form.

(2 marks)

- 6 Work out £1.50 as a fraction of 60p

Circle your answer.

A. $\frac{2}{5}$

B. $\frac{1}{4}$

C. $\frac{4}{1}$

D. $\frac{5}{2}$

(1 mark)

- 7 Circle the fraction that is equivalent to 3.875

A. $\frac{15}{4}$

B. $\frac{29}{8}$

C. $\frac{31}{8}$

D. $\frac{15}{8}$

(1 mark)

8 Work out $\frac{3}{4} + \frac{1}{6}$.

Give your answer in its simplest form.

(2 marks)

9 Work out $\frac{3}{5} + \frac{5}{8}$.

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

(3 marks)

10 Work out $\frac{2}{15} \times \frac{15}{22}$.

Give your answer in its lowest terms.

(2 marks)

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

You must show all your working and give your answer as a mixed number in its simplest form.

(3 marks)

12 Giulio's reaction times are measured in two games.

In the first game his reaction time is $\frac{1}{3}$ of a second.

In the second game his reaction time is $\frac{1}{8}$ of a second.

Find the difference between the two reaction times.

..... S

(1 mark)

Medium Questions

- 1 One month, Greta! spent a total of \$360 on presents.

She spent $\frac{1}{5}$ of this total on presents for her parents.

She spent $\frac{2}{3}$ of the remaining money on presents for her friends. She spent the rest of the money on presents for her sisters.

Calculate the percentage of the \$360 that she spent on presents for her sisters.

..... %

(4 marks)

- 2 Work out $\frac{15}{28} \div \frac{4}{7}$.

You must show all your working and give your answer as a fraction in its simplest form.

(3 marks)

- 3 Work out $\frac{2}{3} + \frac{1}{4} \times \frac{2}{3}$.

Write down all the steps of your working and give your answer as a fraction in its simplest form.

(4 marks)

4 Work out $\frac{12}{35} \times \frac{7}{9}$.

You must show all your working and give your answer as a fraction in its simplest form.

(2 marks)

5 Work out $\frac{1}{15} + \frac{2}{5}$.

Write down all the steps of your working and give your answer as a fraction in its simplest form.

(2 marks)

6 Work out $\frac{1}{4} \div \frac{2}{3}$.

You must show all your working and give your answer as a fraction.

(2 marks)

- 7 Collette has \$136 and spends half of her money on clothes and $\frac{1}{5}$ of her money on books.

Calculate the amount she has left.

\$

(3 marks)

8 Work out $\frac{2}{3} - \frac{1}{12}$.

You must show all your working and give your answer as a fraction in its simplest form.

(2 marks)

9 Work out $\frac{7}{8} + \frac{1}{6}$.

You must show all your working and give your answer as a mixed number in its simplest form.

(3 marks)

10 Work out

$$4\frac{2}{3} \div 1\frac{3}{4}$$

Write your answer as a fraction in its simplest form.

(3 marks)

Hard Questions

1 Work out $2\frac{2}{3} + 3\frac{1}{2}$

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

(3 marks)

2 Work out $\frac{5}{6} \div 1\frac{1}{3}$.

You must show all your working and give your answer as a fraction in its simplest form.

(3 marks)

3 Work out $2\frac{2}{3} \times 2\frac{3}{4}$.

You must show all your working and give your answer as a mixed number in its simplest form.

(3 marks)

4 Work out $1\frac{1}{7} \times 2\frac{1}{10}$.

You must show all your working and give your answer as a mixed number in its simplest form.

(3 marks)

5 Work out $\left(2\frac{1}{3} - \frac{7}{8}\right) \times \frac{6}{25}$.

You must show all your working and give your answer as a fraction in its simplest form.

(4 marks)

6 Work out $1\frac{3}{4} - \frac{11}{12}$.

You must show all your working and give your answer as a fraction in its simplest form.

(3 marks)

7 Work out $3\frac{1}{4} - 2\frac{2}{3}$.

You must show all your working and give your answer as a fraction in its simplest form.

(3 marks)

8 Work out $1\frac{7}{12} + \frac{13}{20}$.

You must show all your working and give your answer as a mixed number in its simplest form.

(3 marks)

9 Work out $\frac{5}{16} \times 1\frac{1}{7}$.

You must show all your working and give your answer as a fraction in its simplest form.

(2 marks)

10 Work out $3\frac{5}{8} - 1\frac{2}{3}$.

You must show all your working and give your answer as a mixed number in its simplest form.

(3 marks)

11 Work out $2\frac{1}{4} \div \frac{3}{7}$.

You must show all your working and give your answer as a mixed number in its simplest form.

(3 marks)

12 Work out $3\frac{1}{8} \div \frac{5}{12}$.

You must show all your working and give your answer as a mixed number in its simplest form.

(4 marks)

13 Work out $\frac{3}{8} \div 2\frac{1}{4}$.

You must show all your working and give your answer as a fraction in its simplest form.

(3 marks)

14 Work out $1\frac{3}{4} \times \frac{6}{35}$.

You must show all your working and give your answer as a fraction in its simplest form.

(3 marks)

15 Work out $\frac{2}{3} \div 1\frac{1}{5}$.

You must show all your working and give your answer as a fraction in its simplest form.

(3 marks)