

GCSE Maths: Fractions, decimals and percentages (Foundation): worksheet

GCSE Maths - Fractions - Foundation - Lesson 3.9

Name: _____

Date: _____

Score: _____

9 questions. Write your answers in the spaces. Answers and step-by-step help are free at websink.site/gcse/maths/ch03-fractions/foundation/fractions-decimals-and-percentages/

Exercise 31 Fractions, decimals and percentages Non-calculator

1 Write each fraction as a decimal.

(a) $\frac{1}{2}$

Answer: _____

(b) $\frac{3}{4}$

Answer: _____

(c) $\frac{1}{5}$

Answer: _____

(d) $\frac{7}{10}$

Answer: _____

(e) $\frac{3}{8}$

Answer: _____

(f) $\frac{9}{20}$

Answer: _____

2 Write each decimal as a fraction in its simplest form.

(a) 0.5

Answer: _____

(b) 0.2

Answer: _____

(c) 0.75

Answer: _____

(d) 0.35

Answer: _____

(e) 0.08

Answer: _____

(f) 0.125

Answer:

3 Write each fraction as a percentage.

(a) $\frac{1}{4}$

Answer:

(b) $\frac{3}{5}$

Answer:

(c) $\frac{7}{20}$

Answer:

(d) $\frac{9}{10}$

Answer:

(e) $\frac{3}{25}$

Answer:

(f) $\frac{5}{8}$

Answer:

4 Write each percentage as a fraction in its simplest form.

(a) 20%

Answer:

(b) 45%

Answer:

(c) 12%

Answer:

(d) 75%

Answer:

(e) 5%

Answer:

(f) 60%

Answer:

5 Copy and complete the table.

Fraction	Decimal	Percentage
$\frac{3}{5}$	?	?
?	0.4	?
?	?	85%

Answer:

- 6 Write these in order, smallest first: $\frac{3}{5}$, 0.55, 58%, $\frac{5}{8}$

Answer:

- 7 In a test Priya scored $\frac{17}{20}$ and Raj scored 82%. Who did better?

Answer:

- 8 Sara says " $\frac{1}{3}$ is 0.3". Explain why she is not quite right.

Answer:

- 9 **Challenge.** A recipe uses 0.375 kg of flour. Write this as a fraction of 1 kg, in its simplest form.

Answer:
