

Workout

Question 1: Convert the following decimals to fractions, in their simplest forms

- | | | | |
|----------|----------|----------|----------|
| (a) 0.5 | (b) 0.3 | (c) 0.7 | (d) 0.1 |
| (e) 0.8 | (f) 0.2 | (g) 0.9 | (h) 0.6 |
| (i) 0.13 | (j) 0.22 | (k) 0.31 | (l) 0.12 |
| (m) 0.42 | (n) 0.89 | (o) 0.15 | (p) 0.84 |
| (q) 0.25 | (r) 0.02 | (s) 0.45 | (t) 0.07 |
| (u) 0.92 | (v) 0.95 | (w) 0.16 | (x) 0.83 |

Question 2: Write the following decimals as fractions, in their simplest forms

- | | | | |
|------------|------------|------------|------------|
| (a) 0.123 | (b) 0.402 | (c) 0.676 | (d) 0.888 |
| (e) 0.195 | (f) 0.625 | (g) 0.225 | (h) 0.1234 |
| (i) 0.5005 | (j) 0.2244 | (k) 0.9702 | (l) 0.7007 |

Question 3: Convert the following decimals to fractions, in their simplest forms

- | | | | |
|----------|----------|----------|----------|
| (a) 1.3 | (b) 1.9 | (c) 1.4 | (d) 1.5 |
| (e) 2.5 | (f) 3.9 | (g) 8.5 | (h) 1.12 |
| (i) 1.75 | (j) 1.72 | (k) 2.75 | (l) 3.55 |

Apply

Question 1: Match up any decimal and fraction that are equivalent.
Not all the decimals and fractions will match up

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

0.6

$$\frac{3}{5}$$

1.3

$$\frac{1}{2}$$

0.5

$$\frac{3}{10}$$

0.625

$$\frac{5}{8}$$

0.3

Question 2: Danny has tried to complete his homework.
Can you spot any mistakes?

Q1

Write 0.6 as a fraction.
Give your answer in its simplest form.

$$\frac{6}{10}$$

Q2

Write 0.08 as a fraction.
Give your answer in its simplest form.

$$\frac{2}{50}$$

Q3

Write 0.902 as a fraction.
Give your answer in its simplest form.

$$\frac{46}{500} = \frac{23}{250}$$