1. In this question there are 2 diagrams.

$\frac{3}{4}$ of diagram 1 is already shaded in

diagram 1

$\frac{3}{4}$ of this row is already shaded in ⟶

$\frac{3}{4}$ of this row is already shaded in ⟶

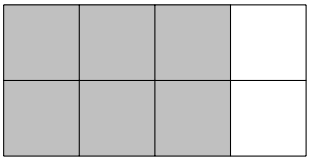

diagram 2

Complete these statements

(a) The proportion of diagram 1 shaded is $\frac{3}{4}$ as a fraction and ..... as a decimal.

(b) The proportion of diagram 2 shaded is $\frac{}{8}$ as a fraction and ..... as a decimal.

(c) $\frac{3}{4}$ and $\frac{}{8}$ are equivalent fractions but only ..... is a written in simplest form.

2. In this question there are 2 diagrams.

$\frac{5}{8}$ of diagram 1 is already shaded in

diagram 1

$\frac{5}{8}$ of this row is already shaded in ⟶

(a) Copy the same shading in this row ⟶

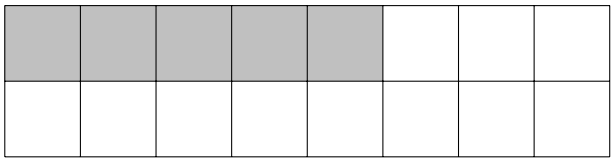

diagram 2

Complete these statements

(b) The proportion of diagram 1 shaded is $\frac{5}{8}$ as a fraction and ..... as a decimal.

(c) The proportion of diagram 2 shaded is $\frac{}{16}$ as a fraction and ..... as a decimal.

(d) $\frac{5}{8}$ and $\frac{}{16}$ are equivalent fractions but only ..... is a written in simplest form.

Turn over for more questions and answers

Answers for Q3 and Q4: 3 (b) 0.375 (c) $\frac{9}{24}$, 0.375 (d) $\frac{3}{8}$ 4 (b) 0.8 (c) $\frac{16}{20}$, 0.8 (d) $\frac{4}{5}$

3. In this question there are 2 diagrams.

$\frac{3}{8}$ of diagram 1 is already shaded in

diagram 1

$\frac{3}{8}$ of this row is already shaded in ⟶

(a) Copy the same shading in this row ⟶

... and in this row. ⟶

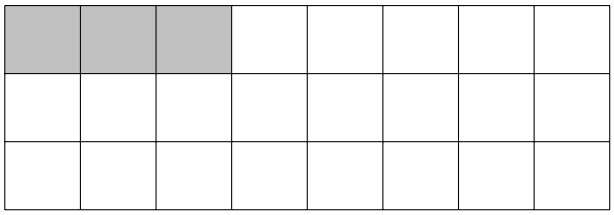

diagram 2

Complete these statements

(b) The proportion of diagram 1 shaded is $\frac{3}{8}$ as a fraction and ..... as a decimal.

(c) The proportion of diagram 2 shaded is $\frac{}{24}$ as a fraction and ..... as a decimal.

(d) $\frac{3}{8}$ and $\frac{}{24}$ are equivalent fractions but only ..... is a written in simplest form.

4. In this question there are 2 diagrams.

$\frac{4}{5}$ of diagram 1 is already shaded in

diagram 1

$\frac{4}{5}$ of this row is already shaded in ⟶

(a) Copy the same shading in this row ⟶

... and in this row ⟶

... and in this row. ⟶

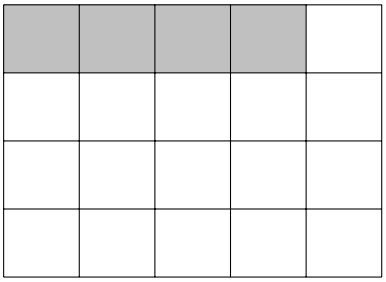

diagram 2

Complete these statements

(b) The proportion of diagram 1 shaded is $\frac{4}{5}$ as a fraction and ..... as a decimal.

(c) The proportion of diagram 2 shaded is $\frac{}{20}$ as a fraction and ..... as a decimal.

(d) $\frac{4}{5}$ and $\frac{}{20}$ are equivalent fractions but only ..... is a written in simplest form.

Answers for Q1 and Q2: 1 (b) 0.75 (c) $\frac{6}{8}$, 0.75 (d) $\frac{3}{4}$ 2 (b) 0.625 (c) $\frac{10}{16}$, 0.625 (d) $\frac{5}{8}$

Answers for Q3 and Q4: see other side