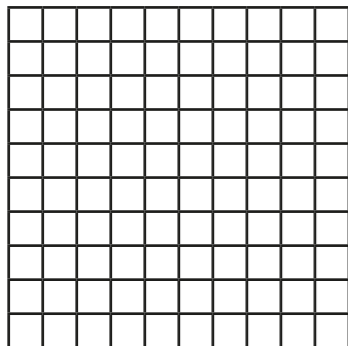




- 1 a) Shade $\frac{1}{2}$ of the hundred square.



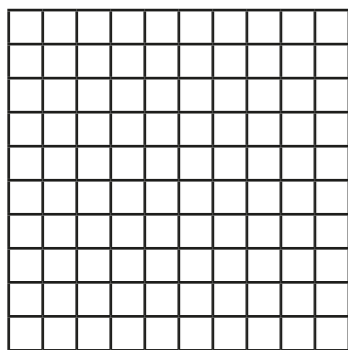
b) How many tenths have been shaded?

c) Write the fraction shaded as a decimal.

d) Complete the equivalent fraction and decimal.

$$\frac{1}{2} = \frac{\square}{10} = \frac{\square}{100} = \square$$

- 2 a) Shade $\frac{1}{4}$ of the hundred square.

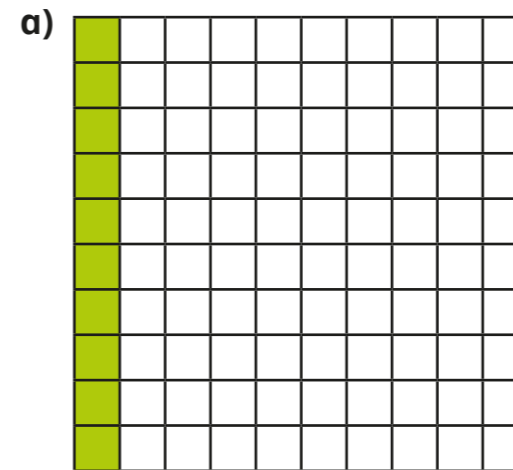


b) Complete the equivalent fraction and decimal.

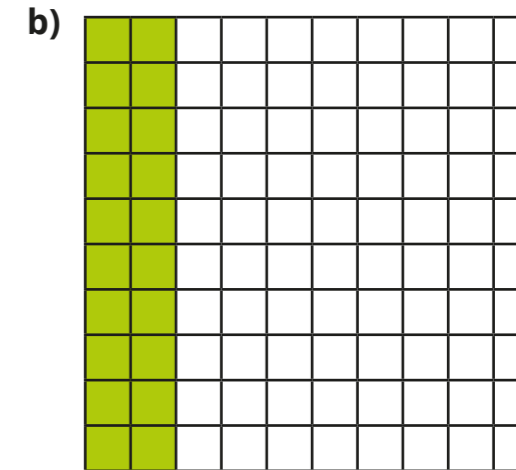
$$\frac{1}{4} = \frac{\square}{100} = \square$$



- 3 Complete the equivalent fractions and decimals.

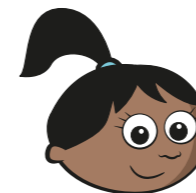


$$\frac{1}{10} = \frac{\square}{100} = \square$$



$$\frac{1}{5} = \frac{\square}{100} = \square$$

- 4 Sam is converting non-unit fractions to decimals.



I know that $\frac{1}{5}$ is equivalent to 0.2, so $\frac{3}{5}$ is three times the size of 0.2
 $\frac{3}{5}$ is equivalent to 0.6

Use Sam's method to work out the equivalent decimals.

a) $\frac{2}{5} = \square$

d) $\frac{4}{10} = \square$

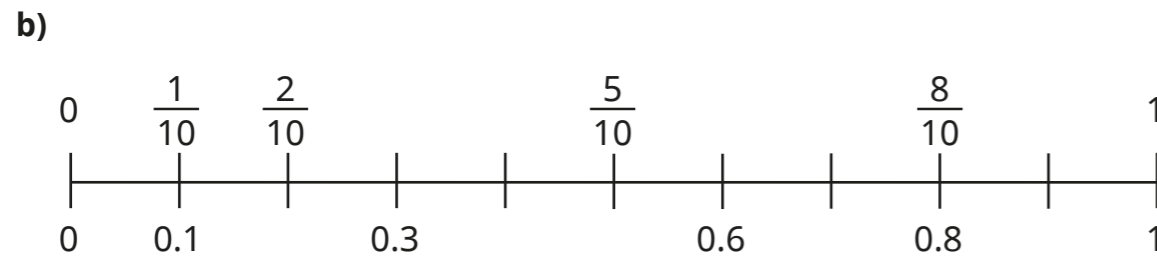
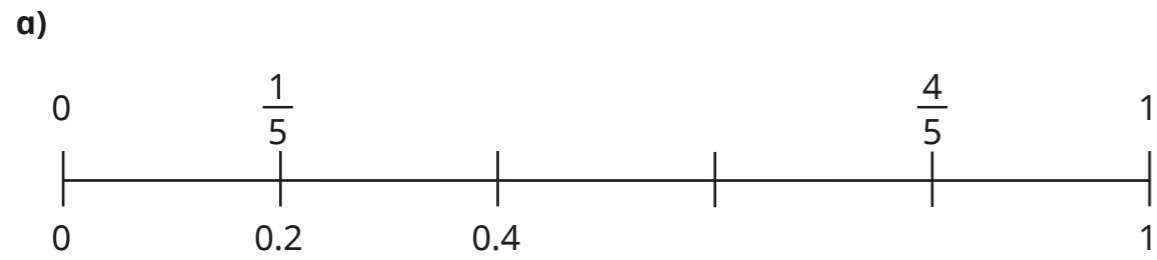
b) $\frac{4}{5} = \square$

e) $\frac{2}{4} = \square$

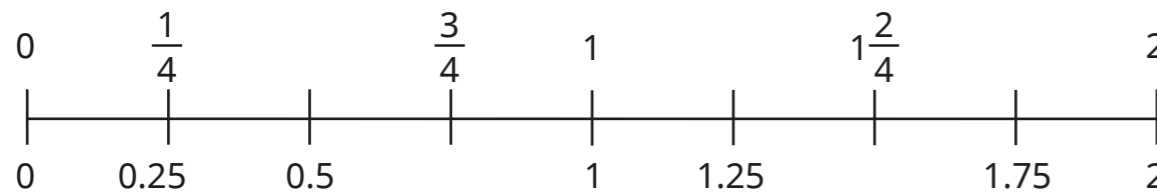
c) $\frac{3}{4} = \square$

f) $\frac{9}{10} = \square$

5 Complete the number lines.



6 Complete the number line.



7 Write the missing fractions and decimals on the number line.



8 Convert the improper fractions to decimals.

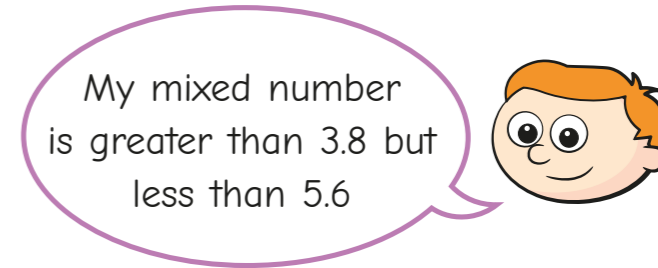
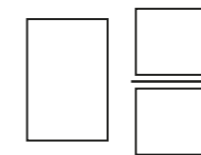
a) $\frac{12}{5} = \square$

c) $\frac{5}{2} = \square$

b) $\frac{13}{10} = \square$

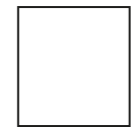
d) $\frac{15}{4} = \square$

9 Ron uses the number cards to make a mixed number.

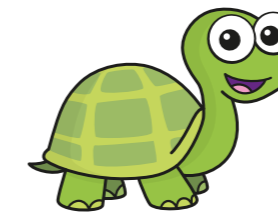


What mixed number could Ron have made?

Compare answers with a partner.



10 Tiny has converted the mixed numbers to decimals.



$$\begin{aligned} 2\frac{1}{4} &= 2.25 \\ 2\frac{2}{4} &= 2.50 \\ 2\frac{3}{4} &= 2.75 \end{aligned}$$

How can Tiny improve on this answer?