

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

b) How many tenths have been shaded?

c) Write the fraction shaded as a decimal.

d) Complete the equivalent fraction and decimal.

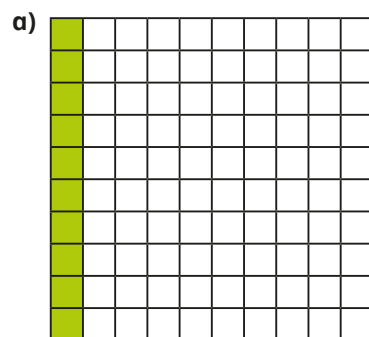
$$\frac{1}{2} = \frac{\boxed{}}{10} = \frac{\boxed{}}{100} = \boxed{}$$

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

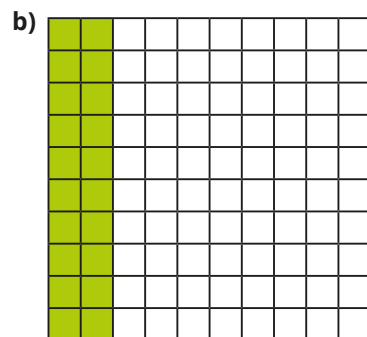
b) Complete the equivalent fraction and decimal.

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

- 3 Complete the equivalent fractions and decimals.



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



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



- 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) $\frac{2}{5}$

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

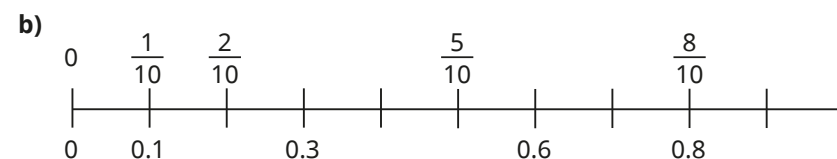
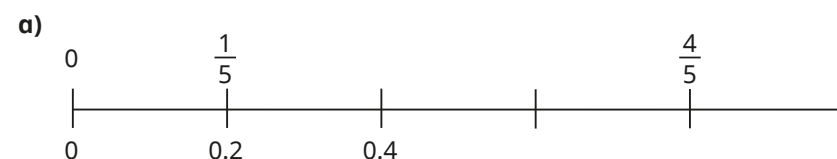
e) $\frac{2}{4}$

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

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

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

- 5 Complete the number lines.



- 6 Complete the number line.



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

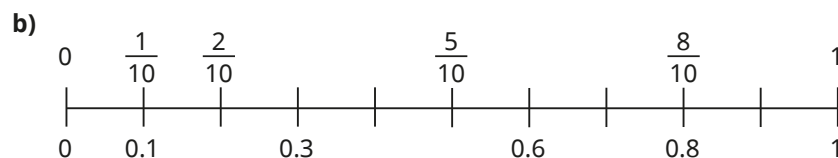
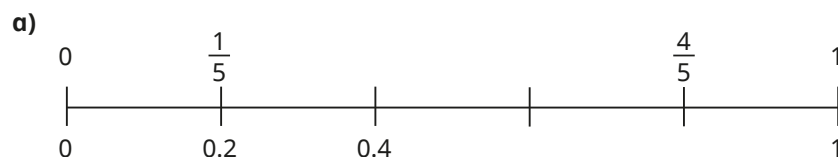


I know that $\frac{1}{5}$ is equivalent to 0.2, so $\frac{3}{5}$ is three times the size of 0.2
 $\frac{3}{5}$ is equivalent to 0.6

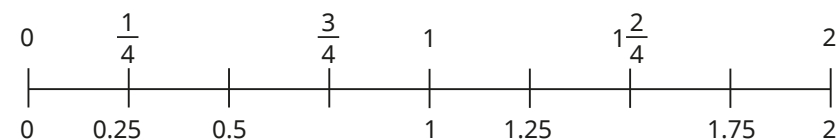
Use Sam's method to work out the equivalent decimals.

- a) $\frac{2}{5}$ c) $\frac{3}{4}$ e) $\frac{2}{4}$
b) $\frac{4}{5}$ d) $\frac{4}{10}$ f) $\frac{9}{10}$

- 5 Complete the number lines.



- 6 Complete the number line.



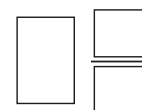
- 7 Write the missing fractions and decimals on the number line.



- 8 Convert the improper fractions to decimals.

- a) $\frac{12}{5}$ b) $\frac{13}{10}$ c) $\frac{5}{2}$ d) $\frac{15}{4}$

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



My mixed number is greater than 3.8 but less than 5.6



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?