

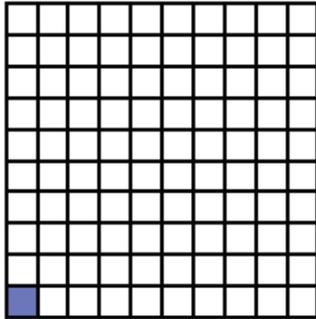
20th January Maths home learning step 2 and 3:

1) Look at the hundred squares. Each square represents $\frac{1}{100}$ or 0.01.

Identify how much of each hundred square is shaded and write it as a decimal and a fraction.

Write the fractions in their simplest form.

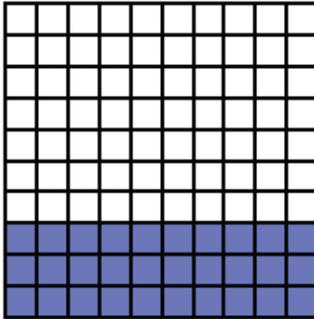
a)



Decimal =

Fraction =

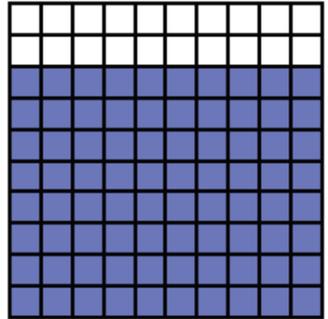
b)



Decimal =

Fraction =

c)



Decimal =

Fraction =

2) Match the fractions to the decimals.

$$\frac{7}{10}$$

0.7

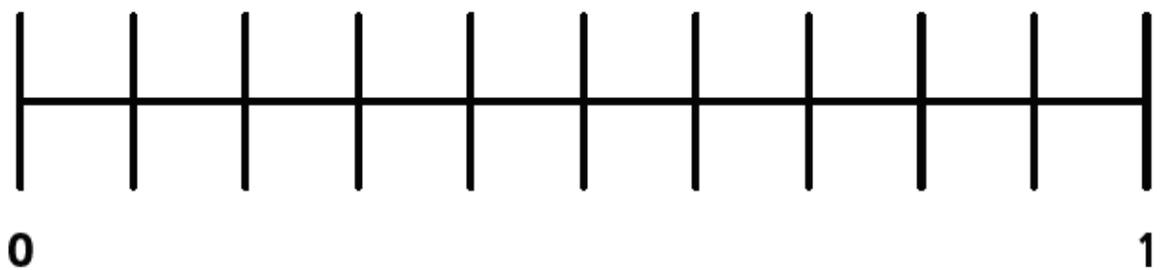
$$\frac{1}{10}$$

0.1

$$\frac{1}{100}$$

0.01

3) Place the following decimals and fractions onto the correct place on the number line.



4) Convert these fractions to their decimal equivalents by making the denominators 100.

a) $\frac{14}{50} = \frac{\quad}{100} = \square$

b) $\frac{6}{10} = \frac{\quad}{100} = \square$

c) $\frac{11}{20} = \frac{\quad}{100} = \square$

20th January Maths home learning step 4 and 5:

1) Match the fractions to the equivalent decimal.

$$\frac{9}{36}$$

0.125

$$\frac{45}{60}$$

0.25

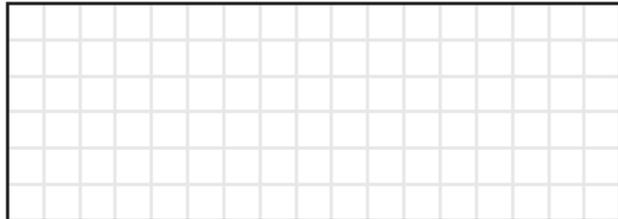
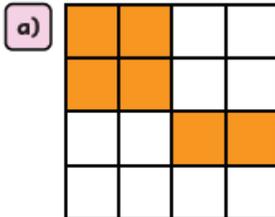
$$\frac{3}{24}$$

0.75

$$\frac{14}{16}$$

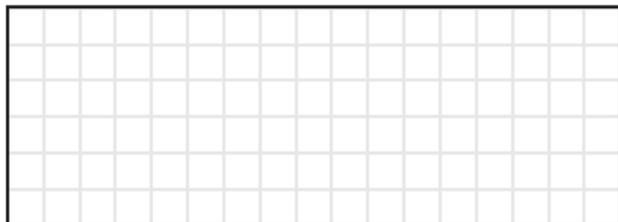
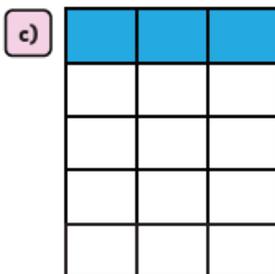
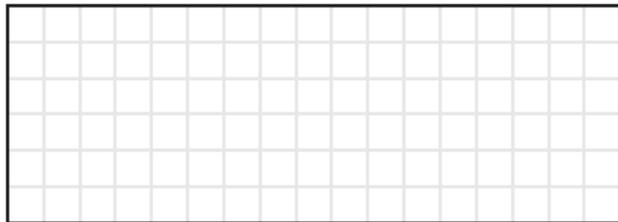
0.875

2) Convert these fractions to decimals



b)

$$\frac{40}{48}$$



3) True or false? Explain your answer

a) 0.625 is equivalent to $\frac{5}{8}$

b) $\frac{6}{8}$ is equivalent to 0.875

c) 0.33 is equivalent to $\frac{1}{3}$

4) Mahbeer and Muneebah are comparing fractions and decimals.



I think $\frac{5}{30}$ is bigger.



I think 0.166 is bigger.

Who do you agree with? Explain why.
