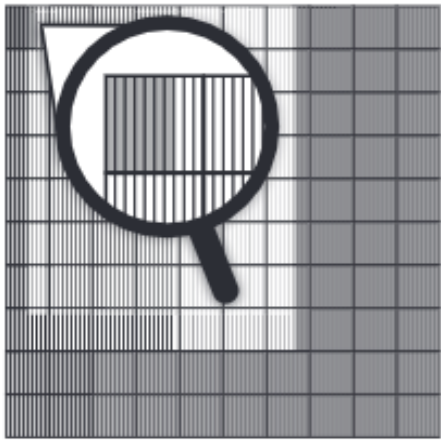


- 1 Write each decimal as a fraction.
a)



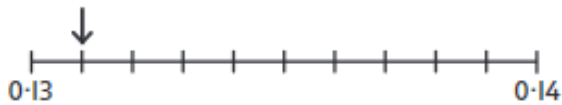
0.007 is equivalent to $\frac{\quad}{\quad}$

c)



0.997 is equivalent to $\frac{\quad}{\quad}$

b)



$\frac{\quad}{\quad}$ is equivalent to $\frac{\quad}{\quad}$

d)



$\frac{\quad}{\quad}$ is equivalent to $\frac{\quad}{\quad}$

- 2 Convert these fractions to decimals then mark their position on the number line.

$\frac{900}{1,000}$ $\frac{15}{100}$ $\frac{3}{10}$ $\frac{550}{1,000}$ $\frac{50}{1,000}$



- 3 Match each decimal to the equivalent fraction.

0.3	$\frac{33}{10}$
0.03	$\frac{303}{1,000}$
0.33	$\frac{30}{1,000}$
0.303	$\frac{33}{100}$
3.3	$\frac{3}{1,000}$
0.003	$\frac{300}{1,000}$

- 4 Write each decimal as a fraction, then simplify as far as you can.

- a) 0.04 _____
 b) 0.05 _____
 c) 0.004 _____
 d) 0.005 _____

- 5 a) Which of these fractions is equivalent to 1.823? Circle your answer.

$1\frac{823}{1,000}$ $1\frac{823}{100}$ $\frac{8}{23}$ $\frac{1,000}{823}$

- b) Which of these fractions is equivalent to 0.85? Circle your answer.

$\frac{85}{10}$ $\frac{17}{10}$ $\frac{8}{5}$ $\frac{17}{20}$

6 a) Which of these decimals add together to make $\frac{3}{25}$?

0.1 0.105 0.02 0.015 0.01 0.2

Is there more than one possibility?

CHALLENGE



b) Which pairs of decimals have a difference of $\frac{5}{250}$?

0.2 0.04 2 1.02 2.04 1.98 1 2.6 10.4



Reflect

Explain how to write 0.555 as a fraction and how to simplify it as far as you can.

- _____
- _____
- _____
- _____