

Fractions as decimals 1

1 Write each fraction on a place value grid.

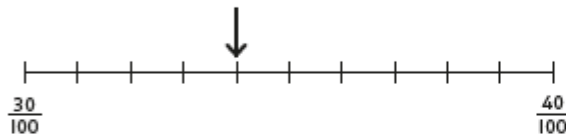
a) $\frac{3}{100}$

O	•	Tth	Hth	Thth
	•			

c) $\frac{3}{1,000}$

O	•	Tth	Hth	Thth
	•			

b)



O	•	Tth	Hth	Thth
	•			

d)

$\frac{345}{1,000}$		
$\frac{3}{10}$	$\frac{4}{100}$	$\frac{5}{1,000}$

O	•	Tth	Hth	Thth
	•			

2 a) Which decimal is equivalent to $\frac{77}{10}$? Circle your answer.

0.77

77.10

7.7

77.7

b) Which decimal is equivalent to $\frac{370}{100}$? Circle your answer.

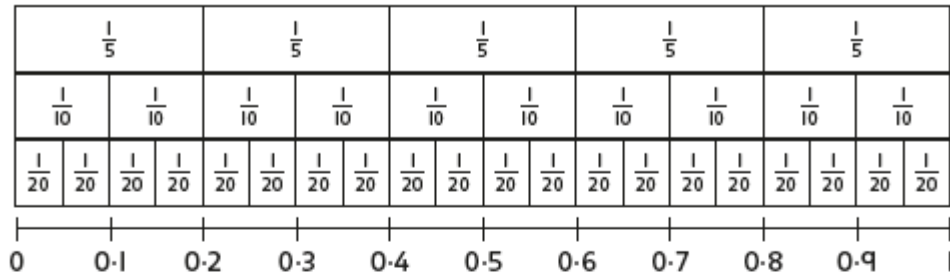
0.37

0.037

0.307

3.7

3 Use the fraction wall to help convert these fractions to decimals.



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

d) $\frac{4}{5} = \boxed{}$

b) $\frac{8}{20} = \boxed{}$

e) $\frac{11}{20} = \boxed{}$

c) $\frac{17}{20} = \boxed{}$

4 Use equivalent fractions to convert these fractions to decimals.

a) $\frac{1}{50} = \frac{\boxed{}}{100} = 0.\boxed{}$

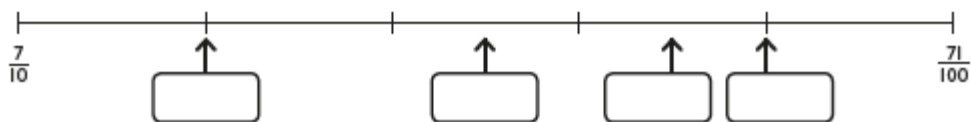
d) $\frac{3}{50} = \frac{\boxed{}}{100} = \boxed{}$

b) $\frac{3}{200} = \frac{\boxed{}}{1,000} = \boxed{}$

e) $\frac{99}{500} = \frac{\boxed{}}{\boxed{}} = \boxed{}$

c) $\frac{99}{250} = \frac{\boxed{}}{\boxed{}} = \boxed{}$

5 Write the decimals that the arrows are pointing to.



- 6 Use these digit cards to make fractions, where one card is the denominator and one card is the numerator. Convert each fraction to a decimal and write it in the correct column of the table.



2 4 5 25 50 200 250 500

Between 0 and 1	Between 1 and 10	Greater than 10

Reflect

What is the same and what is different about converting from decimals to fractions and converting from fractions to decimals?

- _____
- _____
- _____
- _____