To convert a fraction to a decimal, you can use equivalent fractions to make the denominator 100

$$\frac{12}{50} \overset{\times 2}{\underset{\times 2}{=}} \frac{24}{100} = 0.24$$

Use this method to find the equivalent decimals for the fractions.

a) $\frac{28}{50} = \frac{\square}{100} = \square$

c) $\frac{9}{25} = \frac{\square}{100} = \square$

b) $\frac{6}{20} = \frac{\square}{100} = \square$

d) $\frac{24}{200} = \frac{\square}{100} = \square$

Can you convert each of the fractions below into decimals? – Remember to convert them first.

$\frac{42}{50}$ = _____

$\frac{10}{20}$ = _____

$\frac{4}{25}$ = _____

$\frac{39}{50}$ = _____

Some fractions can be converted to have a denominator of 1,000 to find their decimal equivalent.

$$\frac{62}{500} \overset{\times 2}{\underset{\times 2}{=}} \frac{124}{1000} = 0.124$$

a) $\frac{27}{500} = \frac{\square}{1000} = \square$

b) $\frac{62}{250} = \frac{\square}{1000} = \square$

c) $\frac{51}{200} = \frac{\square}{1000} = \square$

d) $\frac{128}{2{,}000} = \frac{\square}{1000} = \square$

Convert the fractions to their decimal equivalents.

a) $\frac{1}{5} = \square$

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

$\frac{1}{20} = \square$

$\frac{1}{40} = \square$

b) $\frac{1}{20} = \square$

$\frac{2}{20} = \square$

$\frac{3}{20} = \square$

$\frac{6}{20} = \square$