Fractions, Decimals, and Percents (B)

Section A   *Convert these decimals into percentages and then fractions. Don't forget to write the fractions in their simplest form.*

Example

$0.12 = 12\% = \dfrac{12}{100} = \dfrac{3}{25}$

$0.02 = \quad\% = \dfrac{}{100} = \overline{}$

$0.2 = \quad\% = \dfrac{}{100} = \overline{}$

$0.24 = \quad\% = \dfrac{}{100} = \overline{}$

$0.05 = \quad\% = \dfrac{}{100} = \overline{}$

$0.67 = \quad\% = \dfrac{}{100} = \overline{}$

$0.7 = \quad\% = \dfrac{}{100} = \overline{}$

$0.75 = \quad\% = \dfrac{}{100} = \overline{}$

$0.8 = \quad\% = \dfrac{}{100} = \overline{}$

$0.23 = \quad\% = \dfrac{}{100} = \overline{}$

$0.25 = \quad\% = \dfrac{}{100} = \overline{}$

$0.01 = \quad\% = \dfrac{}{100} = \overline{}$

Section B   *Identify, correct and explain the mistakes below.*

1) $0.5 = 5\%$

2) $0.34 = \dfrac{3}{4}$

6.RP.A.3c

Fractions, Decimals, and Percents (B)

Section C — *Convert these percentages into decimals and then fractions. Remember fractions must be given in their simplest form.*

Example: $42\% = 0.42 = \dfrac{42}{100} = \dfrac{21}{50}$

$6\% = 0.\underline{} = \dfrac{}{100} = \underline{}$

$79\% = 0.\underline{} = \dfrac{}{100} = \underline{}$

$3\% = 0.\underline{} = \dfrac{}{100} = \underline{}$

$94\% = 0.\underline{} = \dfrac{}{100} = \underline{}$

$40\% = 0.\underline{} = \dfrac{}{100} = \underline{}$

$25\% = 0.\underline{} = \dfrac{}{100} = \underline{}$

$50\% = 0.\underline{} = \dfrac{}{100} = \underline{}$

$19\% = 0.\underline{} = \dfrac{}{100} = \underline{}$

$9\% = 0.\underline{} = \dfrac{}{100} = \underline{}$

$75\% = 0.\underline{} = \dfrac{}{100} = \underline{}$

$1\% = 0.\underline{} = \dfrac{}{100} = \underline{}$

Section D — *Fifths.*
Use your answers from Section A and C to help you fill the gaps below.

$\dfrac{1}{5} = \underline{}\% = 0.\underline{}$

$\dfrac{2}{5} = \underline{}\% = 0.\underline{}$

$\dfrac{4}{5} = \underline{}\% = 0.\underline{}$

Can you use these to help you fill the gaps to make this fraction decimal and percentage equivalent?

$\dfrac{3}{5} = \underline{}\% = 0.\underline{}$