

Grade 6 Fraction, Decimal, Percent Foldable

<p>Fractions, Decimals & Percents</p>	<p>Fraction → Decimal</p> $\frac{3}{5} = \frac{0.6}{1}$ $\begin{array}{r} 0.6 \\ 5 \overline{) 3.0} \\ \underline{-0} \\ 30 \\ \underline{-30} \\ 0 \end{array}$	<p>Decimal → Fraction</p> $0.35 = \frac{35}{100}$ <p>hundredths place</p> <p>SD...</p> $\frac{35}{100}$ <p>+ reduce</p> $\frac{7}{20}$	<p>Fraction</p>
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Equivalent Forms

Percent → Fraction	Fraction → Percent	Percent → Decimal	Decimal → Percent
<p>7.25% = <u> </u></p> <p>Step 1: write down the percent divided by 100 $\frac{7.25}{100}$</p> <p>Step 2: If the % isn't a whole number then multiply the top & bottom #'s by 10 for each # after the decimal</p> <p>Step 3: Reduce fraction $\frac{7.25}{100} \times \frac{10}{10} = \frac{725}{10,000} = 0.0725 = 7.25\%$</p>	<p>$\frac{7}{8} = \underline{87.5\%}$</p> <p>Step 1: Change to decimal</p> $\begin{array}{r} 8 \overline{) 7.000} \\ \underline{0.875} \\ 0.875 \\ \underline{-0.4} \\ 40 \\ \underline{-56} \\ 40 \\ \underline{-40} \\ 0 \end{array}$ <p>Step 2: Use "DP" $0.875 \rightarrow 87.5\%$</p>	<p>36.5% = <u>.365</u></p> <p>36.5 move decimal to the left 2 spaces</p> <p>• 365</p> <p>(Dr. Pepper) "DP"</p>	<p>1.45 = <u>145%</u></p> <p>1.45 move decimal to the right 2 spaces</p> <p>145%</p> <p>(Dr. Pepper) "DP"</p>