

LESSON 1

Fraction to Decimal to Percent

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Goal: I will be able to <u>change a fraction to a decimal and to a percent.</u>	
<small>Tool Bag Formulas, equations, Vocabulary, etc.</small>	<small>Here's How... Notes & Examples</small>
Fraction to a Decimal	Divide the numerator by the denominator
	$\frac{\text{numerator}}{\text{denominator}} = \text{denominator} \overline{) \text{numerator}}$

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Example	a) $\frac{1}{2} = 0.5$ $2 \overline{) 1.0}$ $\underline{10}$ 0
	b) $\frac{1}{4} = 0.25$ $4 \overline{) 1.00}$ $\underline{80}$ 20 $\underline{20}$ 0
	c) $\frac{3}{4} = 0.75$
	d) $\frac{12}{10} = 1.2$ $10 \overline{) 12.0}$ $\underline{100}$ 20 $\underline{20}$ 0

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If you have $\frac{1}{2}$ of something, what % do you have? $\frac{1}{2} = 50\%$ $\frac{1}{4} = 25\%$ $\frac{3}{4} = 75\%$

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Decimal to Percent Example	$\frac{1}{2} \rightarrow 0.5 \rightarrow 50\%$.50 $\frac{1}{4} \rightarrow 0.25 \rightarrow 25\%$.25 $\frac{3}{4} \rightarrow 0.75 \rightarrow 75\%$.75 You multiply the decimal by 100 a) $0.62 = 62\%$ b) $0.3 = 30\%$ c) $7.529 = 752.9\%$ 7.529
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