

### Lesson #1: Math Review

Topics	Frank's Lecture Video	Hewitt Drew It Videos	Khanacademy Videos	Solution Videos
Rates & Ratios	None	None	<a href="#">Understanding Proportions</a> <a href="#">Ratios as Fractions in Simplest Form</a> <a href="#">Simplifying Rates and Ratios</a> <a href="#">Find an Unknown in a Proportion 2</a> <a href="#">Finding Unit Rates</a>	None
Unit Conversions	None	None	<a href="#">Unit conversion</a> <a href="#">Converting units of length</a> <a href="#">Conversion between metric units</a> <a href="#">U.S. Customary and Metric units</a> <a href="#">Converting within the metric system</a>	None
Trig Review	None	None	<a href="#">Basic Trigonometry</a> <a href="#">Basic Trigonometry II</a> <a href="#">Radians and degrees</a> <a href="#">Using Trig Functions</a> <a href="#">Using Trig Functions Part II</a> <a href="#">Inverse Trig Functions: Arcsin</a> <a href="#">Inverse Trig Functions: Arctan</a>	None
Vector Components	None	None	<a href="#">Introduction to Vectors and Scalars</a> <a href="#">Unit Vectors and Engineering Notation</a>	None
Adding Vectors	<a href="#">Lesson1_Vector_Addition</a>	None	<a href="#">Visualizing Vectors in 2 Dimensions</a>	None