

# Converting Between Inches and Feet Logic Model

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**Title of the Module:** Converting Between Inches and Feet

**Intended learners/audience:** Female trades pre-apprenticeship students

**Intended roles(s) learners are preparing for:** Entry level construction trades worker or apprentice

**Prerequisites:**

- The Grit and Growth Mindset module
- The Perimeter and Area of Polygons module
- The Fractions and Measurement module
- The Multiplying Fractions module
- The Dividing Fractions module
- The Adding Fractions module
- The Subtracting Fractions module

**Revision date:** 12/4/15



Knowledge, Skills, & Attitudes	Performance Tasks	Objectives	Intended Outcomes
If learners begin the training with the prerequisites and learn this content ...	...and <i>demonstrate</i> their learning in these ways...	...we can be confident that they will be able to do these things <b>by the end of the training...</b>	...which will prepare them to do these things <b>after the training...</b>
<p><b>Declarative Knowledge</b></p> <ul style="list-style-type: none"> <li>• 1 ft. = 12 inches</li> </ul> <p><b>Procedures</b></p> <ul style="list-style-type: none"> <li>• Convert measurements of inches only to measurements of feet and inches</li> <li>• Convert measurements of feet and inches to measurements of inches only</li> </ul> <p><b>Attitudes</b></p> <ul style="list-style-type: none"> <li>• Grit</li> <li>• Growth mindset</li> <li>• Belief in the ability to reduce math anxiety</li> </ul>	<ul style="list-style-type: none"> <li>• Given measurements of inches alone, and word problems involving measurements of inches alone, convert the measurements to feet and inches</li> <li>• Given measurements in feet and inches, and word problems involving measurements in feet and inches, convert the measurements to inches only</li> </ul>	<ul style="list-style-type: none"> <li>• Convert between inches and feet</li> </ul>	<ol style="list-style-type: none"> <li>1. Calculate the amount of material needed to successfully complete construction projects</li> </ol>
<b>Knowledge, Skills, &amp; Attitudes</b>	<b>Performance Tasks</b>	<b>Objectives</b>	<b>Intended Outcomes</b>

