

Dividing Fractions Logic Model

Title of the Module: Dividing Fractions

Intended learners/audience: Female trades pre-apprenticeship students

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

Prerequisites: none

Revision date: 11/10/15



Oregon Tradeswomen, Inc.

Knowledge, Skills, & Attitudes	Performance Tasks	Objectives	Intended Outcomes
If learners begin the training with the prerequisites and learn this contentand <i>demonstrate</i> their learning in these ways...	...we can be confident that they will be able to do these things by the end of the training...	...which will prepare them to do these things after the training...
<p>Concepts</p> <ul style="list-style-type: none"> • Division <p>Principles</p> <ul style="list-style-type: none"> • Division of $a \div b =$ how many groups of b will fit into a <p>Procedures</p> <ul style="list-style-type: none"> • Division of a whole number by a fraction • Division of a fraction by a whole number • Division of one fraction by another <p>Attitudes</p> <ul style="list-style-type: none"> • Grit • Growth mindset • Belief in the ability to reduce math anxiety 	<ul style="list-style-type: none"> • Given a set of fractions and word problems involving fractions: <ul style="list-style-type: none"> ○ Divide whole numbers by fractions ○ Divide fractions by whole numbers ○ Divide one fraction by another ○ Set up and solve word problems involving fractions • Given the measurements of a wall, find the center 	A. Divide fractions	1. Calculate the amount of material needed to successfully complete construction projects
Knowledge, Skills, & Attitudes	Performance Tasks	Objectives	Intended Outcomes

