

Subtracting Fractions Logic Model

Title of the Module: Subtracting Fractions

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 Fractions and Measurement module
- The Multiplying Fractions module
- The Adding Fractions Module

Revision date: 11/24/15



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...
Procedure <ul style="list-style-type: none"> • “Borrowing” from a whole number to create a fraction Attitudes <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 with common and uncommon denominators*, subtract the fractions • Given a set of mixed numbers and word problems involving mixed numbers with common and different denominators*, subtract the mixed numbers 	<ul style="list-style-type: none"> • Subtract fractions • Subtract mixed numbers 	<ol style="list-style-type: none"> 1. Calculate the amount of material needed to successfully complete construction projects
Knowledge, Skills, & Attitudes	Performance Tasks	Objectives	Intended Outcomes

*“Bottom number” is used in place of “denominator” in this module.

