Title of the Module: Multiplying 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: 11/7/15



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 by the end of the training	which will prepare them to do these things <i>after the training</i>
Concepts • Multiplication • Improper fraction • Mixed number • Simplified fraction Principles • Multiplication of a x b = a groups of b • A fraction can be expressed in an infinite number of ways Procedures	 Given a set of fractions and word problems involving fractions: Multiply whole numbers and fractions Multiply two fractions Set up and solve word problems involving fractions Convert between improper fractions and mixed numbers Simplify fractions 	A. Multiply fractions B. Simplify fractions C. Convert between improper fractions and mixed numbers	1. Calculate the amount of material needed to successfully complete construction projects
 Multiplication of a whole number and a fraction Multiplication of two fractions 			



 Converting an improper fraction to a mixed number 			
 Converting a mixed number to an improper fraction 			
• Simplifying a fraction			
Attitudes			
• Grit			
 Growth mindset 			
 Belief in the ability to reduce math anxiety 			
Knowledge, Skills, & Attitudes	Performance Tasks	Objectives	Intended Outcomes

