

ALGEBRA 1

DESCRIPTION:

This module provides a review of the basic concepts in algebra needed for understanding and completing the MBTN problem sets. It covers definitions, order of operations, solving for a single variable using addition, subtraction, multiplication, and division, constant of proportionality, and converting word problems and requests to equations.

Tutorial:

26 slides

Problem Sets:

4 problem sets; 26 questions

Average Time:

New Module

Sample question from problem set:

Course: Faculty Access (All Modules in Alphabetical Order)


Module: Algebra 1 / Problem Set ID: 11129

BuyNot home renovators hires independent contractors to do various projects for their clients. On their current project, they have a team of 5 working on several rooms of a downtown house. Here is a breakdown of their hours and labor cost:

Marcel	65	\$1,169.06
Frankie	?	?
Wanda	35	\$629.50
Holly	?	?
Matt	50	\$899.28

They are all paid the same hourly rate for their work and the total number of hours is **278**. The total labor cost for the project is **\$5,000**. Unfortunately, the company lost Frankie and Holly's timesheets after calculating these project totals, but since Frankie and Holly are a couple and work as a team, the crew chief knows that they worked the same number of hours.

What percent of the project does Matt's work represent?

 percent (%)

PS2 1 2 3 4 5

SUBMIT ANSWER

EXIT

Problem Sets 1 4 9 Total Questions 26



CALCULATED VARIABLES:

rate = **\$17.99**