

# Pre-Algebra - Session 3

Instructor: Tim Handley

**Objective:** The Pre-Algebra course is designed to prepare students for Algebra. It follows the CCSS for 7th grade math. In session 3, students will learn about proportional relationships and 2-dimensional geometry and how to solve problems involving those topics.

## Solving more complex equations and inequalities

1. Solve multi-step equations
2. Solve multi-step real world equations

## Unit 3: Proportional Relationships

1. Unit rates
2. Recognize proportional relationships
3. Identify the constant of proportionality (slope)
4. Scale drawings

## Unit 4: 2-dimensional geometry

1. Constructions
2. Area and circumference of circles

## Required Materials:

1 subject spiral bound notebook (look for 100+ pages), pencil, scientific calculator (TI-30 suggested), ruler

Student Name: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_