

## Module B

### II. Unit II: First Degree Relations - One Placeholder

#### A. Basic Relations

1. Solutions
2. Making Zeros
3. Making Ones
4. Combinations

#### B. Complications

1. Grouping Symbols
2. Like Terms on the Same Side
3. Placeholders on Both Sides
4. Combinations

#### C. Special Cases

1. No Solution
2. Infinite Solutions

#### D. Systems

1. "And"
2. "Or"
3. Absolute Value (1)
4. Absolute Value (2)
5. Absolute Value (3)

#### E. Problem Solving

1. Setup
2. "Numbers"
3. "Consecutive Integers"
4. "Age"
5. "Geometric Figures"
6. "Motion"
7. "Percent"

### UNIT II TEST

### III. Unit III: First Degree Relations – Two Placeholders

#### A. Solution Sets

1. Equations
2. Inequalities
3. Graphing Terms
4.  $y = mx$
5.  $y = mx + b$
6. Intercepts

#### B. Special Cases

1.  $y =, >, <, a$

2.  $x =, >, <, a$
3. Absolute Value