

INSTRUCTIONAL SYSTEMS INC.

MATHEMATICS I

CHAPTER 1 - Whole Numbers

- WN01 - Place value of whole numbers
- WN02 - Ordering whole numbers
- WN03 - Addition of whole numbers
- WN04 - Subtraction of whole numbers
- WN05 - Multiplication of whole numbers
- WN06 - Division of whole numbers
- WN07 - Mixed operations with whole numbers
- WN08 - Application problems with whole numbers

CHAPTER 2 - Fractions

- FR01 - Introduction to fractions
- FR02 - Equivalent fractions
- FR03 - Adding like fractions
- FR04 - Reducing fractions
- FR05 - Least common multiple
- FR06 - Adding unlike fractions
- FR07 - Ordering fractions
- FR08 - Subtraction of fractions
- FR09 - Mixed numbers and improper fractions
- FR10 - Addition of mixed numbers
- FR11 - Subtraction of mixed numbers
- FR12 - Multiplication of fractions
- FR13 - Multiplication of mixed numbers
- FR14 - Division of fractions
- FR15 - Division of mixed numbers
- FR16 - Application problems with fractions

CHAPTER 3 - Decimals

- DC01 - Place value of decimals
- DC02 - Addition of decimals
- DC03 - Subtraction of decimals
- DC04 - Rounding off decimals
- DC05 - Multiplication of decimals
- DC06 - Division of decimals
- DC07 - Converting fractions to decimals
- DC08 - Converting decimals to fractions
- DC09 - Application problems with decimals

CHAPTER 4 - Percents

- PC01 - Introduction to percents
- PC02 - Converting percents to decimals
- PC03 - Converting percents to fractions
- PC04 - Converting decimals to percents
- PC05 - Converting fractions to percents
- PC06 - Percent problems
- PC07 - Percent increase/decrease
- PC08 - Sales tax
- PC09 - Percent Commission
- PC10 - Percent Discount
- PC11 - Percent Interest

CHAPTER 5 - Measurement

- ME01 - Units of measurement
- ME02 - Perimeter
- ME03 - Circumference
- ME04 - Area of regular figures
- ME05 - Area of irregular figures
- ME06 - Area of circles
- ME07 - Surface area
- ME08 - Volume
- ME09 - Measurement Application Problems

CHAPTER 6 - Signed Numbers

- SN01 - Integers
- SN02 - Signed numbers
- SN03 - Addition of signed numbers
- SN04 - Subtraction of signed numbers
- SN05 - Multiplication of signed numbers
- SN06 - Division of signed numbers
- SN07 - Application problems with signed numbers

CHAPTER 7 - Introduction to Algebra

- IA01 - Algebraic expressions
- IA02 - Evaluating expressions
- IA03 - Simplifying expressions
- IA04 - Grouping symbols
- IA05 - Application problems with algebraic expression

CHAPTER 8 - Solving Equations

- SE01 - Solving equations with addition or subtraction
- SE02 - Solving equations with multiplication or division
- SE03 - Solving multi-step equations
- SE04 - Solving equations with parentheses

- SE05 - Simple word problems
- SE06 - Multi-step word problems
- SE07 - Formulas
- SE08 - Ratio and proportion problems
- SE09 - Application problems with equations

CHAPTER 9 - Geometry

- GE01 - Basic terminology
- GE02 - Angles
- GE03 - Special pairs of angles
- GE04 - Parallel and perpendicular lines
- GE05 - Triangles
- GE06 - Similar triangles
- GE07 - Right triangles
- GE08 - Congruent triangles