

## Summer IXL for Rising PreAlgebra

### Select GRADE 6

All sections to SmartScore of 70 or higher, unless otherwise denoted for remedial work.

Completing all sections below to the SmartScore of 70 will be recorded as two quiz grades of 100. Incomplete sections will result in lowered quiz grades. Each section is worth approximately 5 points off the quiz grades if not completed. This is a required assignment.

**NEW! Students should bring this sheet AND printed verification of their work on the first day of class.**

- To access this information, sign into IXL and choose “Analytics” across the top green menu bar.
- After selecting Analytics, choose “Scores” in the new white menu bar populated.
- Ensure the correct grade is selected in the drop-down to the left of the screen (Grade 6).
- Click the print icon to the right of the SCORE CHART.
- You can use this to check your progress, ensure your SmartScores are brought to a 70 or greater, and cross-check with the sections below to ensure you have completed them all.

#### Section A: Add and Subtract Whole Numbers

Topic	SmartScore
Add/Subtract Whole Numbers: Word Problems	

#### Section B: Multiply Whole Numbers

Topic	SmartScore
Multiply Whole Numbers: Word Problems	
Multiply Numbers Ending in Zeros	

#### Section C: Divide Whole Numbers

Topic	SmartScore
Divisibility Rules	
Divide Whole Numbers - 2-digit divisors	
Divide Whole Numbers - 3-digit divisors	

#### Section F: Number Theory

Topic	SmartScore
Identify Factors	
Prime Factorization	
Greatest Common Factor	
Least Common Multiple	

#### Section G: Fractions and Decimals

Topic	SmartScore
Write Fractions in Lowest Terms	
Convert Between Improper Fractions and Mixed Numbers	
Convert Between Decimals and Fractions	
Convert Between Decimals and Mixed Numbers	
Put a Mix of Decimals and Fractions in Order	

#### Section H: Add/Subtract Decimals

Topic	SmartScore
Add/Subtract Decimals: Word Problems	

#### Section I: Multiply/Divide Decimals

Topic	SmartScore
Multiply Decimals	
Multiply/Divide Decimals by Powers of Ten	
Division with Decimal Divisors	

**Section K: Add and Subtract Fractions**

Topic	SmartScore
Add/Subtract Fractions with Unlike Denominators	
Add/Subtract Mixed Numbers	

**Section L: Multiply Fractions**

Topic	SmartScore
Multiply Two Fractions	
Multiply Fractions: Word Problems	
Multiply Mixed Numbers	

**Section M: Divide Fractions**

Topic	SmartScore
Reciprocals	
Divide Whole Numbers/Unit Fractions	
Divide Fractions/Mixed Numbers	

**Section S: Ratios/Rates**

Topic	SmartScore
Unit Rates	
Solve the Proportion	

**Section U: Percents**

Topic	SmartScore
Convert Between Percents/Fractions/Decimals	

**Section V: Percents of Numbers**

Topic	SmartScore
Find What Percent One Number Is Of Another	
Find the Total Given a Part and a Percent	

**Section W: Units of Measure**

Topic	SmartScore
Convert/Compare Customary Units	
Convert/Compare/Add/Subtract Mixed Customary Units	
Multiply/Divide Mixed Customary Units	
Convert/Compare Metric Units	

**Section X: Consumer Math**

Topic	SmartScore
Unit Prices	
Percents - Calculate Tax, Tip, Mark-up and More	

**Section Y: Expressions**

Topic	SmartScore
Write Variable Expressions: One Operation	

**Section AA: One Variable Equations**

Topic	SmartScore
Which X Satisfies an Equation?	

**Section DD: Lines and Angles**

Topic	SmartScore
Measure and Classify Angles	

**Section GG: Perimeter and Area**

Topic	SmartScore
Perimeter	
Area of Rectangle/Squares	
Area of Triangles	

Updated July 2023, LaRock.