

Summer IXL for Rising 6th Grade

Select GRADE 5

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.

*****Additional Assignment: Multiplication Facts 1-12 Speed Drills.**

Recommended Link: <https://arithmetic.zetamac.com/>

(Test for mastery first week of school)

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 5).
- 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 B: Addition & Subtraction

Topic	SmartScore
Add/Subtract Whole Numbers Up To Billions	
Add/Subtract Whole Numbers: Word Problems	

Section D: Multiplication

Topic	SmartScore
Multiply by 3-Digit Numbers	
Multiply by 2-Digit Numbers: Word Problems	

Section E: Division

Topic	SmartScore
Divide 4-Digit Numbers by 2-Digit Numbers	
Divide 4-Digit Numbers by 2-Digit Numbers: Word Problems	

Section F: Factors, Multiples, and Divisibility

Topic	SmartScore
Identify Factors	
Prime and Composite Numbers	
Divisibility Rules	
Find all Factor Pairs of a Number	
Least Common Multiple	

Section J: Fractions and Mixed Numbers

Topic	SmartScore
Write Fractions in Lowest Terms	
Convert Between Improper Fractions & Mixed Numbers	

Section K: Compare Fractions

Topic	SmartScore
Compare Fractions Using Benchmarks	

Section L: Add/Subtract Fractions

Topic	SmartScore
Add Fractions with Unlike Denominators	
Subtract Fractions with Unlike Denominators	

Section M: Add and Subtract Mixed Numbers

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

Section O: Multiply Fractions and Whole Numbers

Topic	SmartScore
Multiply Fractions by Whole Numbers I	
Fractions of a Number I	

Section P: Multiply Fractions

Topic	SmartScore
Multiply Two Fractions	

Section R: Multiply Mixed Numbers

Topic	SmartScore
Multiply a Mixed Number by a Fraction	

Section U: Divide Unit Fractions and Whole Numbers

Topic	SmartScore
Divide Unit Fractions by Whole Numbers	
Divide Whole Numbers by Unit Fractions	

Section V: Mixed Operations: Fractions

Topic	SmartScore
Add, Subtract, Multiply, and Divide Fractions and Mixed Numbers	

Section W: Decimals Place Values

Topic	SmartScore
Place Value in Decimal Number	
Round Decimals	

Section X: Compare Decimals

Topic	SmartScore
Equivalent Decimals	
Compare Decimal Numbers	
Put Decimal Numbers in Order	

Section Y: Convert Between Decimals and Fractions

Topic	SmartScore
Convert Fractions to Decimals	
Convert Decimals to Fractions	

Section AA: Add/Subtract Decimals

Topic	SmartScore
Add/subtract Decimal Numbers	

Section BB: Multiply Decimals by Powers of 10

Topic	SmartScore
Multiply a Decimal by a Power of 10	

Section DD: Multiply Decimals

Topic	SmartScore
Multiply Two Decimals: Products Up to Hundredths	

Section EE: Divide Decimals by Powers of 10

Topic	SmartScore
Divide by Powers of 10	

Section FF: Divide Decimals

Topic	SmartScore
Division with Decimal Quotients	

Section HH: Money

Topic	SmartScore
Unit Prices	

Section II: Customary Units of Measurement

Topic	SmartScore
Compare and Convert Customary Units	
Convert Mixed Customary Units	

Section JJ: Metric Units of Measurement

Topic	SmartScore
Compare and Convert Metric Units	

Section SS: Perimeter

Topic	SmartScore
Perimeter with Whole Number Side Lengths	

Section TT: Area

Topic	SmartScore
Area of Squares and Rectangles	

Updated July 2023, Ed LaRock