

## Pope John XXIII Middle School Mathematics Summer 2024 Assignments

In an effort to have students return to school in September maintaining their mastery of the previous grade level skills, specific skills from IXL have been selected for the math summer assignment. Students are to complete ALL ten of the assigned sections by earning a score of 85% or higher. This assignment will serve as a quiz grade for the first quarter of the new school year.

All assignments must be completed between the dates of July 2, 2024 - September 2, 2024.

### **Rising 5th Graders Under IXL Grade 4:**

- 1) A.6 Writing Numbers Up to One Million: Convert Between Words and Digits
- 2) I.11 Multiply a Two Digit Number by a Two Digit Number: Word Problems
- 3) L.5 Divide Larger Numbers by One-Digit Numbers: Word Problems
- 4) P.10 Write Fractions in Lowest Terms
- 5) U.7 Add & Subtract Fractions with Unlike Denominators: Word Problems
- 6) Y.2 Place Values in Decimal Numbers
- 7) Y.5 Understanding Decimals Expressed in Words
- 8) Z.7 Add & Subtract Decimals: Word Problems
- 9) AA.9 Multi-Step Word Problems with Money
- 10) KK.3 Classify Triangles

### **Rising 6th Graders Under IXL Grade 5:**

- 1) F.5 Divisibility rules: word problems
- 2) H.4 Evaluate numerical expressions with parentheses
- 3) V.2 Add, subtract, multiply, and divide fractions and mixed numbers: word problems
- 4) W.3 Understanding decimals expressed in words
- 5) W.9 Round decimals
- 6) Z.4 Put a mix of decimals, fractions, and mixed numbers in order.
- 7) GG.2 Add, subtract, multiply, and divide decimals: word problems
- 8) SS.2 Perimeter with decimal side lengths
- 9) TT.1 Area of squares and rectangles
- 10) TT.7 Area and perimeter: word problems

### **Rising 7th Graders Under IXI Grade 6:**

- 1) F.6 Greatest Common Factor
- 2) F.8 Least Common Multiple
- 3) J.2 Add, subtract, multiply, or divide two decimals: word problems
- 4) N.2 Add, subtract, multiply, or divide two fractions: word problems
- 5) S.16 Ratios and Rates: word problems
- 6) U.4 Convert between percents, fractions, and decimals
- 7) V.11 Solve percent word problems
- 8) AA.16 Solve one-step equations: word problems
- 9) GG.1 Perimeter
- 10) GG.12 Area of compound figures with triangles

