



ST. MONICA
CATHOLIC SCHOOL

St. Monica Summer Math Practice

5th – 8th Grade

It is the goal of St. Monica School to provide students with relevant math practice over the Summer vacation to help students maintain very specific academic math skills that have the tendency to weaken over a prolonged period of disuse. They are not necessarily aligned to specific grade levels, but do apply to basic math skills that should be reviewed and practiced.

Instructions to Students and Parents

This summer, students will look at the math program that they will be entering into for the 2019/2020 school year.

This year, all Summer Math will be performed using the online math program IXL. Students have used IXL all year, and they are very familiar with how it works.

For students new to St. Monica Catholic School, please contact [Debbie Falagrad](#)y to get a login for your new student.

To log onto IXL

1. students will go to <https://www.ixl.com/signin/rcdd>
2. enter student sign-on. For most students it is first initial and last name and last two digits of graduation year:
Example: Johnathan Smith - **Jsmith19@rcdd**
3. Enter the Password, and the password is their **Moodle ID** with **sms!** at the end.

Sign in

Username [Forgot username?](#)

Password [Forgot password?](#)

Remember

Roman Catholic Diocese of Dallas



PRACTICE FOR STUDENTS ENTERING THE FIFTH GRADE

1. Grade 5 IXL A.7 Rounding
2. Grade 5 IXL K.4 Equivalent Fractions
3. Grade 5 IXL O.1 add/sub/mult/div whole numbers
4. Grade 5 IXL F.1 Prime and Composite Numbers
5. Grade 5 IXL K.5 Write Fraction in Lowest Terms
6. Grade 5 IXL F.2 Prime Factorization
7. Grade 5 IXL A.2 Place Value
8. Grade 5 IXL K.7 Least Common Denominator
9. Grade 5 IXL K.6 Convert between Improper Fractions and Mixed Numbers

PRACTICE FOR STUDENTS ENTERING THE SIXTH GRADE REGULAR/NON HONORS

1. Grade 6 IXL C.5 Divide with 2 numbers
2. Grade 6 IXL C.6 Divide with three numbers
3. Grade 6 IXL G.2 Add and Subtract Decimals
4. Grade 6 IXL H.2 Multiply and Divide Decimals
5. Grade 6 IXL H.7 Divide Decimals
6. Grade 6 IXL I.6 Finding LCD of Fractions
7. Grade 6 IXL J.3 Add and Subtract Fractions with unlike Denominators
8. Grade 6. IXL K.6 Multiply Fractions
9. Grade 6 IXL L.5 Divide Fractions

PRACTICE FOR STUDENTS ENTERING THE SEVENTH GRADE REGULAR/NON HONORS

1. Grade 7 IXL C.4 Add and Subtract Integers with equations
2. Grade 7 IXL C.8 Multiply and Divide integers with Equations
3. Grade 7 IXL E.3 Multiply Decimals
4. Grade 7 IXL E.5 Divide Decimals
5. Grade 7 IXL G.4 Add and Subtract Mixed Numbers
6. Grade 7 IXL G.10 Multiply Mixed Numbers
7. Grade 7 IXL G.13 Divide Mixed Numbers
8. Grade 7 G.16 Word Problems with Fractions
9. Grade 7 IXL H.4 Compare Rational Numbers.



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PRACTICE FOR STUDENTS ENTERING SIXTH GRADE HONORS

1. Grade 6 IXL E.6 Prime Factorization using exponents.
2. Grade 6 IXL E.7 Greatest Common Factors
3. Grade 6 IXL E.8 Least Common Multiple
4. Grade 6 IXL I.6 Least Common Denominator
5. Grade 6 IXL I.9 Convert Between Fractions and Mixed Numbers.
6. Grade 6 IXL I.11 Put a mix of decimals, fractions and Mixed numbers in order
7. Grade 6 IXL G.2 Add and subtract Decimal Word Problems (show work only)
8. Grade 6 IXL H.2 Multiply Decimals
9. Grade 6 IXL K.13 Multiply 3 or more mixed numbers, fractions or whole numbers.

PRACTICE FOR STUDENTS ENTERING PRE-ALGEBRA (7th H and 8th) or ALGEBRA 1

1. Grade 6 IXL G.1 Add and Subtract Decimals
2. Grade 6 IXL H.2 Multiply Decimals
3. Grade 6 IXL H.7 Division with Decimal Quotients.
4. Grade 6 IXL J.6 Add and Subtract Mixed Numbers
5. Grade 6 IXL K.11 Multiply Mixed Numbers
6. Grade 6 IXL L.7 Divide Fractions and Mixed numbers
7. Grade 6 IXL N.2 Adding Integers
8. Grade 6 IXL N.4 Multiplying Integers
9. Grade 6 IXL O.10 Mixed Integer review