Dear Blessed Sacrament Rising 8th Grader,

Your summer learning math assignment will include IXL. IXL is a comprehensive learning program offering unlimited math and language arts practice problems in thousands of skills.

You have been assigned 25 sections of ixl.com to practice. Attached is a list of skills to practice on IXL this summer. You are expected to practice for a minimum of 1 hour each week. The preferred method is to practice each day for about 10 minutes each day. You will not be given full credit unless you practice math MOST weeks of the summer.

This assignment will be your first graded math assignment for the 2018-2019 school year. It will count as a test grade. Each section of ixl you complete is worth 4 points towards your test grade as long as the practice is spread out throughout most of the summer. If for any reason, you are unable to complete this assignment due to summer plans, you MUST have a parent communicate this to your math teacher before the end of the school year. An alternate assignment will be given.

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   3. Click on the name of the subject you want to work on at the top of the page and navigate to your grade level.

   4. Select a specific skill to practice from the list of skills.

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I hope you will use IXL regularly this summer and I look forward to seeing you in the fall!

Sincerely,
Blessed Sacrament Middle School Math Teachers

Chris Kelly, Keith MacKinnon, Aileen Shaffer

Blessed Sacrament 2018 Summer Math Assignment for Rising 8th Graders

Math ixl.com Sections

Complete the following ixl.com sections with a Smartscore of 80 or higher. Plan to work 10 minutes each day. All sections are 7th grade sections.

7.A.5	Greatest common factor
7.C.5	Add and subtract integers: word problems
7.C.9	Evaluate numerical expressions involving integers
7.E.2	Add and subtract decimals: word problems
7.E.4	Multiply decimals and whole numbers: word problems
7.E.5	Divide decimals
7.E.6	Divide decimals by whole numbers: word problems
7.E.8	Add, subtract, multiply, and divide decimals: word problems
7.F.4	Fractions: word problems with graphs and tables
7.G.2	Add and subtract fractions: word problems
7.G.4	Add and subtract mixed numbers: word problems
7.G.11	Multiply fractions and mixed numbers: word problems
7.G.14	Divide fractions and mixed numbers: word problems
7.G.16	Add, subtract, multiply, and divide fractions and mixed numbers: word problems
7.J.9	Do the ratios form a proportion: word problems
7.J.11	Solve proportions: word problems
7.L.6	Percents of numbers: word problems
7.L.8	Solve percent equations: word problems
7.O.6	Convert between customary and metric system
7.AA.2	Area of rectangles and parallelograms
7.AA.3	Area of triangles and trapezoids
7.AA.5	Circles: area, circumference, radius and diameter
7.BB.13	Interpret line graphs
7.CC.1	Calculate mean, median, mode, and range
7.DD.1	Probability of simple events

More Suggested Math ixl.com Sections

All sections are 7th grade sections

C.3 Add and subtract integers	**C.7**Multiply and divide integers
C.9 Evaluate numerical expressions involving integers	**E.3**Multiply decimals
E.5 Divide decimals	**E.11**Evaluate numerical expressions involving decimals
G.3 Add and subtract mixed numbers	**G.10**Multiply mixed numbers
G.13 Divide mixed numbers	**G.18**Evaluate numerical expressions involving fractions
H.1 Convert between decimals and fractions or mixed numbers	**H.8**Multiply and divide rational numbers
I.10 Estimate square roots	**J.5**Unit rates
	J.10 Solve proportions
K.1 Find the constant of proportionality from a table	**K.2**Write equations for proportional relationships from tables
K.3 Identify proportional relationships by graphing	**K.6**Identify proportional relationships
L.2 Convert between percents, fractions, and decimals	**L.7**Solve percent equations
M.3 Unit prices	
M.7 Find the percent: tax, discount, and more	**O.3**Compare and convert customary units
O.4 Mixed customary units	**O.6**Convert between customary and metric systems
R.1 Write variable expressions	**R.2**Write variable expressions: word problems
R.7 Identify terms and coefficients	**R.8**Sort factors of expressions
R.9 Properties of addition and multiplication	**R.10**Multiply using the distributive property
R.13 Add and subtract like terms	**R.14**Add, subtract, and multiply linear expressions
S.5 Solve one-step equations	**S.6**Solve two-step equations
U.1 Does (x, y) satisfy the equation?	**U.5**Complete a table for a two-variable relationship
W.13 Find measures of complementary, supplementary, vertical, and adjacent angles	**W.14**Transversal of parallel lines
Y.1 Pythagorean theorem: find the length of the hypotenuse	**Y.2**Pythagorean theorem: find the missing leg length
Y.4 Converse of the Pythagorean theorem: is it a right triangle?	**AA.2**Area of rectangles and parallelograms
AA.3 Area of triangles and trapezoids	**AA.4**Area and perimeter: word problems
AA.5 Circles: calculate area, circumference, radius, and diameter	**AA.7**Volume
AA.8 Surface area	**CC.1**Calculate mean, median, mode, and range
DD.2 Probability of opposite, mutually exclusive, and overlapping events	

Dear Blessed Sacrament Rising 8th Grade **ALGEBRA STUDENTS**,

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Sincerely,
Blessed Sacrament Middle School Math Teachers

Chris Kelly, Keith MacKinnon, Aileen Shaffer

Blessed Sacrament 2018 Summer Math Assignment for
Rising 8th Grader - Algebra Students ONLY.
Math ixl.com Sections

Complete the following ixl.com sections with a Smartscore of 80 or higher.

Plan to work 10 minutes each day. All sections are 7th grade sections.

7.E.8	Add, subtract, multiply, and divide decimals: word problems
7.F.1	Understanding fractions: word problems
7.G.2	Add and subtract fractions: word problems
7.G.4	Add and subtract mixed numbers: word problems
7.G.11	Multiply fractions and mixed numbers: word problems
7.G.14	Divide fractions and mixed numbers: word problems
7.G.16	Add, subtract, multiply, and divide fractions and mixed numbers: word problems
7.J.4	Equivalent ratios: word problems
7.J.7	Scale drawings: word problems
7.J.9	Do the ratios form a proportion: word problems
7.J.11	Solve proportions: word problems
7.L.6	Percents of numbers: word problems
7.L.8	Solve percent equations: word problems
7.L.10	Percent of change: word problems
7.M.1	Add, subtract, multiply, and divide money amounts: word problems
7.O.6	Convert between customary and metric systems
7.R.2	Write variable expressions: word problems
7.R.3	Evaluate linear expressions
7.R.7	Identify terms and coefficients
7.R.10	Multiply using the distributive property
7.R.13	Add and subtract like terms
7.R.14	Add, subtract, and multiply linear expressions
7.S.5	Solve one-step equations
7.S.6	Solve two-step equations
7.T.6	Solve two-step inequalities

More Suggested Math ixl.com Sections

All sections are 7th grade sections

C.3 Add and subtract integers	**C.7**Multiply and divide integers
C.9 Evaluate numerical expressions involving integers	**E.3**Multiply decimals
E.5 Divide decimals	**E.11**Evaluate numerical expressions involving decimals
G.3 Add and subtract mixed numbers	**G.10**Multiply mixed numbers
G.13 Divide mixed numbers	**G.18**Evaluate numerical expressions involving fractions
H.1 Convert between decimals and fractions or mixed numbers	**H.8**Multiply and divide rational numbers
I.10 Estimate square roots	**J.5**Unit rates
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K.1 Find the constant of proportionality from a table	**K.2**Write equations for proportional relationships from tables
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M.7 Find the percent: tax, discount, and more	**O.3**Compare and convert customary units
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R.9 Properties of addition and multiplication	**R.10**Multiply using the distributive property
R.13 Add and subtract like terms	**R.14**Add, subtract, and multiply linear expressions
S.5 Solve one-step equations	**S.6**Solve two-step equations
U.1 Does (x, y) satisfy the equation?	**U.5**Complete a table for a two-variable relationship
W.13 Find measures of complementary, supplementary, vertical, and adjacent angles	**W.14**Transversal of parallel lines
Y.1 Pythagorean theorem: find the length of the hypotenuse	**Y.2**Pythagorean theorem: find the missing leg length
Y.4 Converse of the Pythagorean theorem: is it a right triangle?	**AA.2**Area of rectangles and parallelograms
AA.3 Area of triangles and trapezoids	**AA.4**Area and perimeter: word problems
AA.5 Circles: calculate area, circumference, radius, and diameter	**AA.7**Volume
AA.8 Surface area	**CC.1**Calculate mean, median, mode, and range
DD.2 Probability of opposite, mutually exclusive, and overlapping events	

Dear Blessed Sacrament Rising 8th Grader,

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Sincerely,

Blessed Sacrament Middle School Language Arts Teachers

Jillian Bastow, Laura Fetters, and Lindsay Goodman

Blessed Sacrament 2018 Summer Language Arts Assignment for

Rising 8th Graders

Language Arts ixl.com Sections

Complete the following ixl.com sections with a Smartscore of 80 or higher. Plan to work 10 minutes each day. All sections are 7th grade sections.

7.A.2	Complete subjects and predicates
7.A.3	Simple subjects and predicates
7.A.4	Compound subjects and predicates
7.A.5	Direct and indirect objects
7.A.6	Complete sentence, run-on, or fragment
7.A.10	Identify prepositional phrases
7.B.1	Form and use plural nouns
7.B.4	Form the singular or plural possessive
7.C.3	Subject and object pronouns
7.C.4	I vs me
7.D.1	Transitive vs intransitive
7.D.3	Subject/verb agreement
7.D.9	Form the progressive verb tense
7.D.10	Form the perfect verb tense
7.E.1	Identify adjectives
7.E.2	Identify adverbs
7.E.4	Adverbs vs Adjectives
7.E.7	Good, better, worse etc.
7.E.9	Well, better, best, badly etc.
7.F.1	Commas in series, dates, and places
7.F.3	Comma usage
7.F.8	Semi-colons and commas
7.F.13	Capitalization
7.F.15	Formatting titles
7.N.6	Identify plagiarism

More Suggested Language Arts ixl.com Sections for HSPT Preparation

All sections are 7th grade sections

READING

7.O.1	**Distinguish fact from opinion**
7.O.2	**Identify evidence**
7.O.4	**Identify details in non-fiction**
7.O.5	**Identify details in literature**
7.P.1	**Determine main idea**
7.P.4	**Identify author's purpose**
7.Q.1	**Match cause with effect**
7.Q.3	**Match problems with solutions**
7.Q.4	**Identify text structures**
7.S.5	**Read and understand informational passages**

VOCABULARY

7.G.1-G.8	**Prefixes and suffixes**
7.H.1-H.4	**Greek and Latin roots**
7.K.1-K.5	**Context clues**
7.S.4	**Vocabulary review: short stories**
7.S.6	**Vocabulary review: informational passages**
7.S.8	**Vocabulary review: trace an argument**

LANGUAGE SKILLS

7.M.1-M.4	**Common errors**