

## **7th Grade Summer Assignment (2026–2027)**

Students transitioning from 6th to 7th Grade must complete the following assignment prior to the first day of the 2026–27 school year.

### **Assignment Instructions**

1. Go to [www.ixl.com](http://www.ixl.com)
2. Log into your IXL account.
3. Click Learning → Math → 6th Grade.
4. Complete each assigned skill topic listed by your teacher.
5. Reach a SmartScore of 85 or higher on each topic.

### **Important**

- This assignment will count as a TEST GRADE.
- It is DUE ON THE FIRST DAY OF SCHOOL.
- No late or partial credit will be given.

# June

Students transitioning from 6th to 7th grade will need to complete the following assignments prior to the first day of the 2026-27 school year: This will be a TEST GRADE.

IXL Review of 6th grade math skills: Your goal should be to reach a Smart Score of 85 or higher on each IXL topic. These Calendars are due the First Day of School.

# 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	No IXL 1	No IXL 2	No IXL 3	No IXL 4	No IXL 5	6
7	Absolute value and integers. O.10 8	9	add subtract multiply decimals. J.1 10	11	Operations with whole numbers and decimals. J.4 12	13
14	15	Write Fractions in lowest terms. G.1 16	17	Convert between improper fractions and mixed numbers. G.3 18	Practice Memory Card 6 <sup>th</sup> Grade 19	20
21	Multiply 2 binomials. W.8 22	23	Multiply Decimals. I.3 24	25	Division with decimal divisors. I.9 26	27
28	29	Classify rational numbers using a diagram. Q.10 30				

# July

Students transitioning from 6th to 7th grade will need to complete the following assignments prior to the first day of the 2026-27 school year: This will be a TEST GRADE.

IXL Review of 6th grade math skills: Your goal should be to reach a Smart Score of 85 or higher on each IXL topic. These Calendars are due the First Day of School.

# 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2 Add and Subtract fractions with unlike denominators. K.3	3 Practice Memory Card 6 <sup>th</sup> Grade	4
5	6 Evaluate numerical expressions one step at a time. E.6	7	8 Prime Factorization with exponents. F.5	9	10 Convert between decimals and fractions. G.7	11
12	13	14 Multiply two decimals: where does the decimal go? I.2	15	16 Add and subtract mixed numbers. TPZ	17 Practice Memory Card 6 <sup>th</sup> Grade	18
19	20 Add and subtract mixed <u>numbers</u> word problems. X8C	21	22 Divide Fractions and mixed numbers. N2B	23	24 Add, subtract, multiply or divide two fractions: Word Problems. RDY	25
26	27	28 Multiply integers; find the sign. DKA	29	30 Add and Subtract like Terms CNg	31 Practice Memory Card 6 <sup>th</sup> Grade	

Name:

Date:

Period:

STUFF YOU MUST KNOW – 6<sup>th</sup> Grade Math

<p><b>Memory Exponents:</b></p> <p><math>1^2 =</math>      <math>2^2 =</math>      <math>3^2 =</math></p> <p><math>4^2 =</math>      <math>5^2 =</math>      <math>6^2 =</math></p> <p><math>7^2 =</math>      <math>8^2 =</math>      <math>9^2 =</math></p> <p><math>10^2 =</math>      <math>11^2 =</math>      <math>12^2 =</math></p> <p><math>1^3 =</math>      <math>2^3 =</math>      <math>3^3 =</math></p> <p><math>10^1 =</math>      <math>10^2 =</math>      <math>10^3 =</math></p> <p><math>10^4 =</math>      <math>10^5 =</math>      <math>10^6 =</math></p> <p><math>2^1 =</math>      <math>2^2 =</math>      <math>2^3 =</math></p> <p><math>2^4 =</math>      <math>2^5 =</math>      <math>2^6 =</math></p> <p><math>2^7 =</math>      <math>2^8 =</math>      <math>2^9 =</math></p> <p><math>2^{10} =</math></p>	<p><b>Order of Operations:</b></p> <p>1.</p> <p>2.</p> <p>3.</p> <p>4.</p> <p><b>Greatest Common Factor:</b></p> <p><b>Least Common Multiple:</b></p> <p><b>Prime Numbers:</b></p> <p><b>Fraction Operations (Examples):</b></p> <p>Addition/Subtraction-</p> <p>Multiplication-</p> <p>Division-</p>	<p><b>Properties:</b></p> <p>Commutative-</p> <p>Addition:</p> <p>Multiplication:</p> <p>Associative-</p> <p>Addition:</p> <p>Multiplication:</p> <p>Distributive-</p> <p><b>Customary Units:</b></p> <p>8 oz =</p> <p>2 c =</p> <p>2 pts =</p> <p>4 qts =</p> <p>12 in =</p> <p>3 ft =</p> <p>5280 ft =</p> <p>1 lb =</p> <p>1 min =</p> <p>1 hr =</p> <p><b>Metric Units:</b></p> <p>kilo</p> <p>hecto</p> <p>deca</p> <p>UNIT</p> <p>deci</p> <p>centi</p> <p>milli</p>
<p><b>Inequality Meanings:</b></p> <p>&lt;</p> <p>≤</p> <p>&gt;</p> <p>≥</p> <p>≈</p>	<p><b>Mixed Number to Improper Fraction:</b></p> <p><math>n\% =</math></p> <p><math>\frac{is}{of} =</math></p>	

**Integer Operations:**

Addition/Subtraction:

Pos + Pos =  
 Neg + Neg =

Pos + Neg =  
 Neg + Pos =

- is the same as:

+ is the same as:

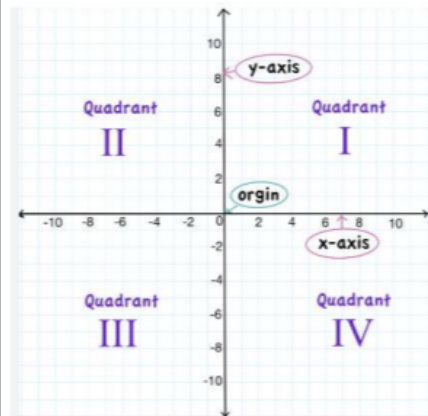
Multiplication/Division:

Pos x Pos =  
 Neg x Neg =

Neg x Pos =  
 Pos x Neg =

Pos ÷ Pos =  
 Neg ÷ Neg =

Pos ÷ Neg =  
 Neg ÷ Pos =

**Division by Zero:** $\frac{0}{\#} =$  $\frac{0}{0} =$  $\frac{\#}{0} =$ **Absolute Value:** $|a| \geq 0$  Examples:**Parts of Coordinate Plane:****Fraction/Decimal/Percent Conversions:**

Fraction	Decimal	Percent
	0.9	
	$0.\bar{3}$	
$\frac{2}{10} = \frac{1}{5}$		75%
	0.4	
$\frac{1}{10}$		60%
	0.8	
$\frac{1}{4}$		30%
$\frac{5}{10} = \frac{1}{2}$		
	0.7	
$\frac{2}{3}$		100%

**Words that mean:**

Addition –

Subtraction –

Multiplication –

Division –

**Formulas:**

Area of Triangle:

Area of Rectangle:

Volume of Rectangular Prism:

**Negatives with exponents:** $(-5)^2 =$  $-5^2 =$ **Measures of Central Tendency:**

Mean-

Median-

Mode-

Range-