



## Summer Work

*Khan Academy - Get Ready for 7th Grade*

Students,

Your summer work this year will be watching videos and taking mini-assessments at Khan Academy. I have assigned the work at [khanacademy.org](https://khanacademy.org) for you to complete throughout the summer. Attached to this letter, you will find a printed list of assignments. The yellow spaces are for recording scores and parent initials. To access your assignments, follow the directions stapled to this page.

UNDER NO CIRCUMSTANCES are you to create a second [khanacademy.org](https://khanacademy.org) account at any point this summer. If you forget your login information, contact me through the "Get Ready for 7th Grade" Google classroom, and I will reset your password and send that and your username to you.

Remember, I will be able to see your progress throughout the summer. Please do not wait until the last minute to begin these assignments. Make a plan for completing the work, taking into account already-scheduled time that you will be away from home. Go through the assignments in order, and have your parents initial when you have watched the videos and completed the exercises. Be sure to write the raw score (number of points) you received on each exercise in the appropriate box on the sheet (you may complete the exercises as many times as you wish to improve your score. - record your highest score.) **BEWARE: Khan Academy does not count a video as "completed" unless you watch to the very end. DO NOT stop the video or leave it before the video stops on its own - otherwise, I can't give you credit for watching a video.** You are always able to see which videos you have watched and the scores on your exercises from your student dashboard.

The completed spreadsheet is due on the first full day of class (August 12) and will count as your first **test** grade, based on completion. (I will be cross-checking the paper with the information I can see at the website on my teacher dashboard.) There will be a **quiz** over the summer work during the first week of school.

If you begin early, you will not have to fret about getting everything done. You can do this the hard/easy way (buckle down, start early, stay steady, be done and have nothing left to do for the couple of weeks before school starts), or the easy/hard way (forget about the work till the last minute, panic, spend several days at the end of your summer doing nothing but math.) Make the right choice.

Enjoy your summer, and I will see you in August!  
Mrs. Quinby

## Khan Academy Instructions:

### For students who previously attended St. Rose:

I have already put you into the appropriate class at Khan Academy. All you have to do is:

- 1) Go to [khanacademy.org/login](https://khanacademy.org/login)
- 2) "Continue with Google" and use your school login information.
- 3) Begin the assignments listed under "My Assignments."

My school login: \_\_\_\_\_

My school password: \_\_\_\_\_

### For new-to-St. Rose students:

- 1) Go to [khanacademy.org/join](https://khanacademy.org/join)
- 2) Enter the class code that is at the top of the spreadsheet **in red**.
- 3) Create an account, being sure to use a name that I can attach to you.
- 4) Begin the assignments.

Unit 1 - Get ready for negative number operations

Lesson 1 - Introduction to negative numbers

	Item to complete	Your Score	Out of	Parent initials
Introduction to negative numbers	Video			
Negative numbers on the number line	Exercise		7	
Interpreting negative numbers	Exercise		7	

Lesson 2 - Negative symbol as opposite

	Item to complete	Your Score	Out of	Parent initials
Negative symbol as opposite	Video			
Negative symbol as opposite	Exercise		4	
Number opposites	Video			
Number opposites	Exercise		7	

Lesson 4 - Absolute value

	Item to complete	Your Score	Out of	Parent initials
Absolute value examples	Video			
Finding absolute values	Exercise		7	
Comparing absolute values	Video			
Compare and order absolute values	Exercise		7	

Lesson 5 - Adding and Subtracting Fractions with unlike denominators

	Item to complete	Your Score	Out of	Parent initials
Adding fractions with unlike denominators introduction	Video 1			
Adding fractions with unlike denominators	Video 2			
Adding fractions with unlike denominators	Exercise		7	
Subtracting fractions with unlike denominators introduction	Video 1			
Subtracting fractions with unlike denominators	Video 2			
Subtracting fractions with unlike denominators	Exercise		7	

Lesson 6 - Multiplying fractions

	Item to complete	Your Score	Out of	Parent initials
Multiplying fractions $\frac{5}{6} \times \frac{2}{3}$	Video			
Multiplying fractions	Exercise		7	
Multiplying mixed numbers	Video			
Multiplying mixed numbers	Exercise		4	

**Lesson 8 - Dividing Fractions**

	Item to complete	Your Score	Out of	Parent initials
Understanding division of fractions	Video			
Dividing fractions $2/5 \div 7/3$	Video 1			
Dividing fractions $3/5 \div 1/2$	Video 2			
Dividing fractions	Exercise		4	
Dividing mixed numbers	Video			
Dividing mixed numbers	Exercise		4	

**Unit 2 - Get ready for fractions, decimals, and percentages**

**Lesson 2 - Percent problems**

	Item to complete	Your Score	Out of	Parent initials
Finding a percent	Video			
Percent of a whole number	Video			
Benchmark percents	Exercise		7	
Finding percents	Exercise		7	

**Unit 3: Get ready for rates and proportional relationships**

**Lesson 1 - Equivalent ratios**

	Item to complete	Your Score	Out of	Parent initials
Equivalent ratios	Video			
Equivalent ratios	Exercise		4	
Understanding equivalent ratios	Video			
Equivalent ratios in the real world	Exercise		4	
Understanding equivalent ratios in the real world	Exercise		4	

**Lesson 3 - Intro to rates**

	Item to complete	Your Score	Out of	Parent initials
Intro to rates	Video			
Solving unit rate problem	Video			
Solving unit price problem	Video			
Unit rates	Exercise		7	
Rate problems	Video			
Rate problems	Exercise		4	

**Unit 4: Get ready for expressions, equations, and inequalities**

**Lesson 1 - Distributive property with variables**

	Item to complete	Your Score	Out of	Parent initials
Intro to combining like terms	Video			

Distributive property over addition	Video			
Distributive property over subtraction	Video			
Distributive property with variables	Video			
Distributive property with variables	Exercise		4	
Factor with distributive property (variables)	Exercise		4	

**Lesson 2 - Combining like terms**

	Item to complete	Your Score	Out of	Parent initials
Combining like terms	Video			
Combining like terms example	Video			
Combining like terms	Exercise		4	

**Lesson 3 - Equivalent expressions**

	Item to complete	Your Score	Out of	Parent initials
Equivalent expressions	Video			
Equivalent expressions	Exercise		7	

**Unit 5: Get ready for geometry**

**Lesson 1: Decomposing angles**

	Item to complete	Your Score	Out of	Parent initials
Decomposing an angle	Video			
Decomposing angles	Video			
Decompose angles	Exercise		7	

**Lesson 2: Area of parallelograms and triangles**

	Item to complete	Your Score	Out of	Parent initials
Area of a parallelogram	Video			
Area of parallelograms	Exercise		4	
Area of a triangle	Video			
Finding area of triangles	Video			
Area of triangles	Exercise		7	

**Unit 6: Get ready for statistics and probability**

**Lesson 1: Statistical questions**

	Item to complete	Your Score	Out of	Parent initials
Statistical questions	Video			
Statistical questions	Exercise		7	

**Lesson 2: Shape of data distributions**

	Item to complete	Your Score	Out of	Parent initials
Shapes of distributions	Video			
Shapes of distributions	Exercise		4	
Clusters, gaps, peaks, and outliers	Video			
Clusters, gaps, and peaks in data distributions	Exercise		7	

**YOU ARE DONE!!!**