

First and Last Name: _____

Elementary School I went to in 5th grade: _____

Decatur City Schools 6th Grade Summer Math Review

- ★ Please staple your work that you do on notebook paper to the back.
- ★ This review will be turned into your 6th grade math teacher at the beginning of the year and will count as a homework grade!

Suggested Videos:

- [Measurement](https://www.youtube.com/watch?v=P9sYvDCnI0g)
<https://www.youtube.com/watch?v=P9sYvDCnI0g>
- [Perimeter](https://www.mathantics.com/files/lesson-videos/Perimeter.mp4)
<https://www.mathantics.com/files/lesson-videos/Perimeter.mp4>
- [Basic Division](https://www.mathantics.com/files/lesson-videos/BasicDivision.mp4)
<https://www.mathantics.com/files/lesson-videos/BasicDivision.mp4>
- [Long Division](https://www.mathantics.com/files/lesson-videos/LongDivision.mp4)
<https://www.mathantics.com/files/lesson-videos/LongDivision.mp4>
- [Simplify Fractions](https://www.mathantics.com/files/lesson-videos/SimplifyingFractions.mp4)
<https://www.mathantics.com/files/lesson-videos/SimplifyingFractions.mp4>
- [Mixed and Improper Fractions](https://www.youtube.com/watch?v=qk2oP6FZ6HA)
<https://www.youtube.com/watch?v=qk2oP6FZ6HA>
- [Decimal Place Value](https://www.youtube.com/watch?v=KG6ILNOiMgM)
<https://www.youtube.com/watch?v=KG6ILNOiMgM>
- [Rounding Decimals](https://www.youtube.com/watch?v=sdq2ckDsSbA)
<https://www.youtube.com/watch?v=sdq2ckDsSbA>

Suggested Review Activities:

- [Adding and Subtracting Fractions Game](http://www.math-play.com/fractions-board-game/fractions-board-game_html5.html)
http://www.math-play.com/fractions-board-game/fractions-board-game_html5.html
- [Add/Sub Decimals Game](http://mnrussbaum.com/hotel/) <http://mnrussbaum.com/hotel/>
- [Multiplying Decimals Game](https://reviewgamezone.com/games3/taxi.php?test_id=10684&title=Multiplying%20Decimals)
https://reviewgamezone.com/games3/taxi.php?test_id=10684&title=Multiplying%20Decimals
- [Multiply Fractions Game](https://www.mathplayground.com/ASB_SnowSprint.html)
https://www.mathplayground.com/ASB_SnowSprint.html
- [Art of problem solving](https://artofproblemsolving.com/mathcounts_trainer)
https://artofproblemsolving.com/mathcounts_trainer

	Solve:	Solve:	Solve:	Complete this Activity:
Week #1	Rebecca measured herself and she was 52 inches tall. How many feet tall is she? Write your answer as a mixed number.	Find the perimeter of a triangle with sides measuring 7.25 cm, 5.5 cm, and 4.65 cm.	Estimate the perimeter and the area of your room.	Measure how tall you are in feet and inches. Predict how tall you will be at the end of 6 th grade.
Week #2	$6,425 \div 8 =$	There are 14 students in the class and 252 Skittles. If the Skittles are divided equally among the students, how many does each student get?	Estimate the Quotient of 5.92 and $2.4 =$	Play monopoly a friend and divide all the money evenly before you start!
Week #3	Write as a mixed number: $\frac{11}{3} =$	Order the fractions from least to greatest: $1/3, 3/5, 1/5$	Write as an improper fraction: $3 \frac{1}{3} =$	Lemonade: In a gallon pitcher combine $\frac{3}{4}$ cup lemon juice, $\frac{3}{4}$ cup sugar, and $5 \frac{1}{2}$ cups cold water. Stir. Find the total amount cups used in the recipe.
Week #4	Round each number to the nearest whole number and then find the sum. $9.32 + 15.764 + 5.72 =$	Arrange the decimal numbers in order from least to greatest: $23.65, 2.366, 0.26, 21.9$	Round 824.394 to the nearest: hundred _____ ten _____ whole _____ tenth _____	Watch a movie and find the elapsed time from start to finish

	Solve:	Evaluate:	Solve:	Complete this Activity:																
Week #5	$2\frac{3}{8} + 3\frac{2}{3} =$	$\frac{5}{12} - \frac{1}{4} =$	Leslie has 1 liter of milk in her fridge to drink today. She drank $\frac{1}{2}$ liter of milk for breakfast and $\frac{2}{5}$ liter of milk for dinner. How much of a liter did Leslie drink during breakfast and dinner?	Eat pizza for dinner. Write three equivalent fractions for the number of pizza slices that slices you ate?																
Week #6	Landen ran 500 yards in 30.896 seconds. The next time he tried he cut his time by 3.999 seconds. What was his time for his second run?	Add $9.32 + 15.764 + 5.42 =$	Subtract: $6.412 - 2.278 =$	Plan your school supply list for sixth grade. Estimate your cost.																
Week #7	A recipe for cookies requires $1\frac{2}{3}$ cups of milk. How many cups of milk are needed for 4 batches of cookies?	$\frac{5}{6} \times \frac{4}{5} =$	$15.8 \times 41.7 =$	Make a family favorite recipe. Double the recipe. What fractions did you use?																
Week #8		<p>Fill in the blanks with the number 1-4 so that each number appears only once in each row and column.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td></td> <td>3</td> <td>4</td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td>2</td> </tr> <tr> <td>1</td> <td></td> <td></td> <td>3</td> </tr> <tr> <td></td> <td>2</td> <td>1</td> <td></td> </tr> </tbody> </table>		3	4		4			2	1			3		2	1		<p>Hank the hot dog vendor is trying to buy the same number of hot dogs and hot dog buns. Hot dogs are sold in packages of 6. Buns are sold in packages of 10. What's the smallest number of packages of hot dogs and of buns that Hank can buy to have a matching number of each?</p>	<p>Create the tallest tower that you can using 15 pieces of spaghetti, 15 small marshmallows, 1 large marshmallow, 1 foot of tape and 1 piece of paper. You may use your materials in anyway to construct a tower that will support one large marshmallow at the top. (Take a picture of it!)</p>
	3	4																		
4			2																	
1			3																	
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