

7th Grade Summer Math

When completing the attached questions, please make sure that you follow these directions:

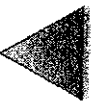
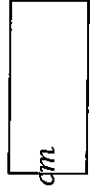
- Place only the answers on your worksheets.
- All work must be numbered and neatly shown on separate sheets of loose-leaf paper for EACH problem.
- Due Wednesday, August 15th to your new math teacher.
- This will count as your first quiz grade.

Thank you!

Name _____ 7th Grade Summer Math

	Monday	Tuesday	Wednesday	Thursday	Friday	Time spent doing this week's work
June 10 th - 16 th	<p>Regular: Simplify the following fraction: $\frac{24}{140}$</p> <p>Challenge: Simplify the following fraction: $\frac{-1240}{140}$</p>	<p>Simplify. $13 + 4 \cdot 6$</p> <p>Simplify. $-13 + 4^2 \cdot 6$</p>	<p>Use the Distributive Property. $5(x + 1)$</p> <p>Use the Distributive Property. $-5(x - 1)$</p>	<p>Find the sum. $3.4 + 1.2 + 1.1$</p> <p>Find the sum. $3.25 + 46 + 11.5 + .3$</p>	<p>Convert to a percent and decimal. $\frac{3}{8}$</p> <p>Convert to a percent and decimal. $\frac{53}{250}$</p>	
June 17 th - 23 rd	<p>Regular: Find the greatest common factor of 24 and 72.</p> <p>Challenge: Find the greatest common factor of 168 and 720.</p>	<p>Convert to a decimal and fraction (in simplest form). 24%</p> <p>Convert to a decimal and fraction (in simplest form). .08%</p>	<p>Find the sum. $4\frac{1}{5} + \frac{1}{8}$</p> <p>Find the sum. $-2\frac{1}{5} + \frac{1}{4}$</p>	<p>Find the difference. $13.4 - 6.9 - 1$</p> <p>Find the difference. $28.6 - .032 - 9.79$</p>	<p>Combine like terms. $2y + 4y + 4x + 12y$</p> <p>Combine like terms. $-34a + 45 - 27a + 2b$</p>	

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	Time spent doing this week's work
June 24 th - 30 th	<p>Regular: Find the least common multiple of 12 and 15.</p> <p>Challenge: Find the least common multiple of 25 and 36.</p>	<p>Find the product. $4.03 \cdot .2$</p> <p>Find the product. $78.9 \cdot 6.58$</p>	<p>Convert to a fraction and percent. .125</p> <p>Convert to a fraction and percent. 2.08</p>	<p>Find the difference. $5\frac{4}{6} - 2\frac{1}{4}$</p> <p>Find the difference. $5\frac{1}{6} - 2\frac{5}{8}$</p>	<p>Simplify. $7 + 5 \cdot (4 - 3)$</p> <p>Simplify. $7^2 + [5 + 2(4 + 3^3)]$</p>	
July 1 st - 7 th	<p>Regular: Write the number one hundred thirty-five thousand ten.</p> <p>Challenge: Write the number seven million twenty-four and seven thousandths.</p>	<p>Find the quotient. $\frac{7}{8} \div \frac{3}{4}$</p> <p>Find the quotient. $3\frac{1}{3} \div -2\frac{1}{2}$</p>	<p>Find the value of x. $\frac{3}{27} = \frac{x}{54}$</p> <p>Find the value of x. Cody bought 5 packages of raspberries for \$6.25. How many packages of raspberries can SunJae buy if she has \$18?</p>	<p>Find the quotient. $32.4 \div 8.1$</p> <p>Find the quotient. $15.12 \div 4.2$</p>	<p>Find the product. $\frac{4}{5} \cdot \frac{9}{12} \cdot \frac{6}{15}$</p> <p>Find the product. $2\frac{5}{8} \cdot 2\frac{2}{7}$</p>	

	Monday	Tuesday	Wednesday	Thursday	Friday	Time spent doing this week's work
July 8 th - 14 th	<p>Regular: Simplify the following fraction: $\frac{24}{-282}$</p> <p>Challenge: Simplify the following fraction: $\frac{-2778}{-14}$</p>	<p>Simplify. $4^3 - 6 \cdot 2$</p> <p>Simplify. $-23 + (31 - 19)^2$</p>	<p>Find the area.</p>  <p>Height = 1.4 inches Base = 2 inches</p> <p>Find the area.</p>  <p>$\frac{2}{5}$ dm $\frac{1}{2}$ cm</p>	<p>Find the sum. $8.9 + -3.2$</p> <p>Find the sum. $8.9 + -17.3 + 0.192$</p>	<p>Convert to a percent and decimal. $\frac{7}{5}$</p> <p>Convert to a percent and decimal. $\frac{53}{25}$</p>	
July 15 th - 21 st	<p>Regular: Find the greatest common factor of 17 and 21.</p> <p>Challenge: Find the greatest common factor of 111 and 851.</p>	<p>Convert to a decimal and fraction (in simplest form). 32%</p> <p>Convert to a decimal and fraction (in simplest form). 1.05%</p>	<p>Find the sum. $\frac{4}{15} + \frac{1}{9}$</p> <p>Find the sum. $-2\frac{4}{10} + 3\frac{1}{5}$</p>	<p>Find the difference. $24.4 - (-6.9)$</p> <p>Find the difference. $.125 - 3 - 2.8$</p>	<p>Find the perimeter of a regular heptagon with side length 2.5 inches.</p> <p>Find the perimeter of a regular decagon with side length $4\frac{1}{3}$ inches.</p>	

	Monday	Tuesday	Wednesday	Thursday	Friday	Time spent doing this week's work.
July 22 nd - 28 th	<p>Regular: Find the least common multiple of 24 and 124.</p> <p>Challenge: Find the least common multiple of 35 and 168.</p>	<p>Find the product. $2.01 \cdot 1.03$</p> <p>Find the product. $718.003 \cdot .58$</p>	<p>Convert to a fraction and percent. 3.6</p> <p>Convert to a fraction and percent. .0013</p>	<p>Find the difference. $2\frac{2}{7} - 2\frac{3}{8}$</p> <p>Find the difference. $2\frac{1}{12} - 2\frac{5}{8}$</p>	<p>Simplify. $3^5 - 2^3 \cdot 4$</p> <p>Simplify. $-3 + \frac{2}{3} \cdot 6^2$</p>	
July 29 th - August 4 th	<p>Regular: Find the prime factorization of 235.</p> <p>Challenge: Find the prime factorization of 782.</p>	<p>Find the quotient. $2 \div 1\frac{4}{5}$</p> <p>Find the quotient. $3\frac{3}{6} \div 2\frac{1}{2} \div \frac{-2}{3}$</p>	<p>Find the value of x. $\frac{4}{7} = \frac{x}{56}$</p> <p>Find the value of x. Jake travelled at a speed of 45 mph and it took him 1.5 hours to get to Roller Kingdom. If he travels at the same rate how long will it take him to travel 200 miles?</p>	<p>Find the quotient. Round the answer to the nearest tenth. $3.58 \div .81$</p> <p>Find the quotient. Round the answer to the nearest tenth. $8.9 \div .0034$</p>	<p>Find the product. $\frac{3}{10} \cdot \frac{5}{72} \cdot \frac{20}{15}$</p> <p>Find the product. $3\frac{2}{5} \cdot 2\frac{2}{7} \cdot 5\frac{1}{3}$</p>	