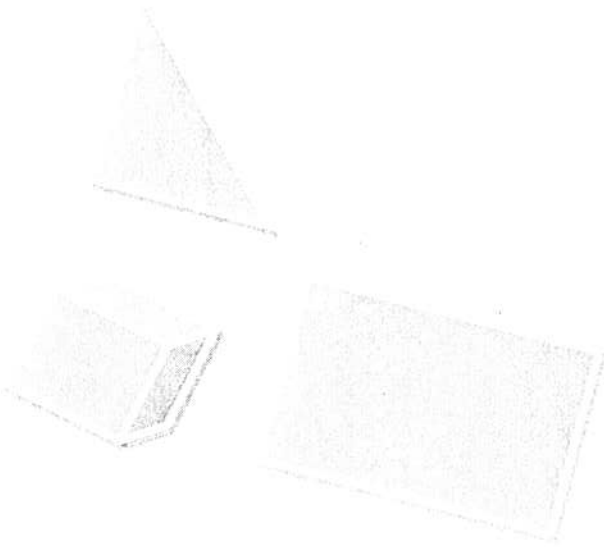


Going to 6th Grade
Summer Review Packet

Common Core Math

Grade 5



Summer Break Packet: Day 1

<p>1. Round to the nearest tenth:</p> <p>149.395= 156.098= 125.66=</p>	<p>7. Simplify the following fractions:</p> <p>4/10= 2/20= 10/100=</p>								
<p>2. Change each fraction to a decimal:</p> <p>$\frac{3}{4} =$ $\frac{1}{2} =$</p>	<p>8. Solve.</p> <p>$4^3 =$ $5^2 =$ $2^3 =$</p>								
<p>3. Change each decimal to a fraction:</p> <p>.20= .90=</p>	<p>9. Solve.</p> <p>$3\frac{1}{2} \times 5\frac{2}{3}$</p>								
<p>4. Mike had $\frac{3}{4}$ pound of tootsie rolls and $\frac{1}{2}$ pound of licorice. How many total pounds of candy does Mike have?</p>	<p>10. Write an equation that represents the numbers in the chart:</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <tbody> <tr> <td style="padding: 2px 10px;">X</td> <td style="padding: 2px 10px;">Y</td> </tr> <tr> <td style="padding: 2px 10px;">3</td> <td style="padding: 2px 10px;">6</td> </tr> <tr> <td style="padding: 2px 10px;">2</td> <td style="padding: 2px 10px;">4</td> </tr> <tr> <td style="padding: 2px 10px;">1</td> <td style="padding: 2px 10px;">2</td> </tr> </tbody> </table>	X	Y	3	6	2	4	1	2
X	Y								
3	6								
2	4								
1	2								
<p>5. Keisha has $1\frac{3}{4}$ liters of soda. She gives Julie $\frac{1}{2}$ liter of her soda. How many liters of soda will Keisha have left?</p>	<p>11. Convert the units:</p> <p>4in= _____ feet 4000lbs= _____ tons 120 seconds= _____ minutes</p>								
<p>6. Jill has \$4.65. Each gumball costs \$.25. If Jill wants to buy as many gumballs as possible. How many gumballs can Jill buy? How much change will Jill have?</p>	<p>12. Solve:</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} 245 \\ X \ 22 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $134 \div 12$ </div> </div>								

Summer Break Packet: Day 2

1. Fill in the table:

Decimal	Fraction	Percent
.25		
	$\frac{1}{2}$	
		40%
.85		

7. Find the mean, median, and mode of the following numbers:

32, 28, 45, 73, 85

Mean=

Median=

Mode=

2. Write 3 equivalent fractions for each given:

$$\frac{2}{3}$$

$$\frac{4}{5}$$

$$\frac{1}{2}$$

8. Find the area of the rectangle.

23ft.

10 ft.



3. Solve:

$$\begin{array}{r} 452 \\ \times 28 \\ \hline \end{array}$$

9. Solve:

$$\frac{2}{7} + \frac{3}{14} =$$

4. Timmy bought four golf balls for a total of \$16.44. How much did Tony pay for each golf ball?

10. Find the perimeter of the square.

4in.



5. Jerry goes for a run every Tuesday and Thursday. If he runs 4.2 miles on Tuesdays and 6.3 miles on Thursdays. How many miles will he have run in three weeks?

11. Label the following triangles as acute, obtuse, or right.



6. Solve:

$$\begin{array}{r} 2 \text{ hours } 23 \text{ minutes} \\ - 1 \text{ hour } 28 \text{ minutes} \\ \hline \end{array}$$

12. Write the following in expanded form:

242.23

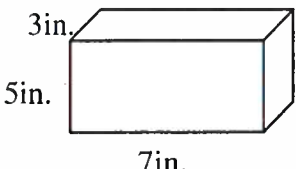
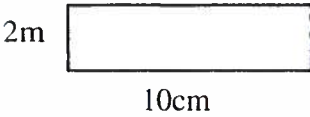
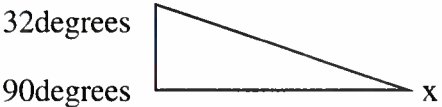
Summer Break Packet Day 3

<p>1. Solve:</p> <p style="margin-left: 20px;">$1.2 \times 10^3 =$</p> <p style="margin-left: 20px;">$.041 \times 10^4 =$</p> <p style="margin-left: 20px;">$451 \div 10^2 =$</p>	<p>7. Madison wants to buy tile for her bathroom floor. She measures the width at 9ft. and the length at 12ft. If tile is \$6 per square foot. How much will Madison need to spend on tile?</p>												
<p>2. Solve: $45.9 \div .02$</p>	<p>8. Find the area of a square, with a length measures 10ft.</p>												
<p>3. John bought 4 pounds of apples at the grocery store. He paid \$5.24 for all of the apples. How much were the apples per pound?</p>	<p>9. Convert the following:</p> <p style="margin-left: 40px;">$14 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$</p> <p style="margin-left: 40px;">$25 \text{ kL} = \underline{\hspace{2cm}} \text{ L}$</p> <p style="margin-left: 40px;">$90 \text{ m} = \underline{\hspace{2cm}} \text{ hm}$</p>												
<p>4. Max ran 2.45 miles yesterday and $2 \frac{1}{2}$ miles today. How many miles did Max run in both days?</p>	<p>10. Compare the fractions:</p> <p style="margin-left: 40px;">$\frac{1}{3}$ <input type="radio"/> $\frac{3}{5}$</p> <p style="margin-left: 40px;">$\frac{3}{18}$ <input type="radio"/> $\frac{1}{6}$</p> <p style="margin-left: 40px;">$\frac{7}{8}$ <input type="radio"/> $\frac{11}{12}$</p>												
<p>5. If the pattern continues. What number will be the fifth number in the pattern?</p> <p style="text-align: center; margin-left: 40px;">4, 16, 64, 256</p>	<p>11. Find the mode and median in the following set of numbers</p> <p style="margin-left: 40px;">12, 13, 19, 22, 13, 14</p>												
<p>6. Complete the table:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 33%;">Inches</th> <th style="width: 33%;">Feet</th> <th style="width: 33%;">Yards</th> </tr> </thead> <tbody> <tr> <td>36in.</td> <td></td> <td></td> </tr> <tr> <td></td> <td>6ft.</td> <td></td> </tr> <tr> <td></td> <td></td> <td>3yd.</td> </tr> </tbody> </table>	Inches	Feet	Yards	36in.				6ft.				3yd.	<p>12. Solve:</p> <p style="margin-left: 40px;">10^3</p> <p style="margin-left: 40px;">3^3</p> <p style="margin-left: 40px;">2^2</p>
Inches	Feet	Yards											
36in.													
	6ft.												
		3yd.											

Summer Break Packet Day 4

<p>1. Solve:</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> $\begin{array}{r} 2.56 \\ X \ 1.8 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 3.82 \\ X \ 2.1 \\ \hline \end{array}$ </div> </div>	<p>7. Complete the table: $X + .25 = y$</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 50%;">X</th> <th style="width: 50%;">y</th> </tr> </thead> <tbody> <tr><td>.25</td><td></td></tr> <tr><td>.50</td><td></td></tr> <tr><td>.75</td><td></td></tr> <tr><td>1.00</td><td></td></tr> </tbody> </table>	X	y	.25		.50		.75		1.00																																															
X	y																																																								
.25																																																									
.50																																																									
.75																																																									
1.00																																																									
<p>2. Convert the percents to fractions in simplest form:</p> <p>32% =</p> <p>28% =</p> <p>20% =</p>	<p>8. Chart the points above:</p> <p>(y)</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p style="text-align: center;">0 .25 .50 .75 1.00 (x)</p>																																																								
<p>3. Round to the nearest whole number:</p> <p>23.89=</p>	<p>9. Round to the nearest whole number:</p> <p>$\frac{3}{5}$= $2 \frac{1}{6}$=</p>																																																								
<p>4. Circle the greatest:</p> <p>a. 2gal. c. 10pts.</p> <p>b. 5qt. d. 14c.</p>	<p>10. Josie's training schedule consists of 30 minutes on Tuesdays, 45 minutes on Thursdays, and 2 hours on both Saturdays and Sundays. How much total time does Josie spend training?</p>																																																								
<p>5. Circle the least:</p> <p>a. .53 c. .053</p> <p>b. .533 d. .0053</p>	<p>11. Convert the improper fractions to mixed numbers:</p> <p>$\frac{5}{3}$ = $\frac{10}{3}$ =</p>																																																								
<p>6. Put in order from least to greatest.</p> <p>$\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{5}$, $\frac{9}{10}$</p>	<p>12. Convert the mixed numbers to improper fractions:</p> <p>$3 \frac{1}{2}$ = $2 \frac{7}{8}$ =</p>																																																								

Summer Break Packet Day 5

<p>1. Leo scores 4 goals in his first game, 2 goals in his second game, 0 goals in his third game, and 4 goals in his fourth game. How many average (mean) goals does Leo score per game?</p>	<p>7. Circle the prime numbers:</p> <p style="text-align: center;">45 49 99</p> <p style="text-align: center;">17 19 11</p>						
<p>2. Jose buys three t-shirts, four pairs of shorts, and one pair of shoes. The prices are listed below: Shirts: \$5.50 Shorts: \$8.25 Shoes: \$22.75</p> <p>How much total money does Jose spend?</p>	<p>8. Max has 40 total marbles. $\frac{1}{4}$ of the marbles are red. How many marbles are not red?</p>						
<p>3. Find the volume:</p> <div style="text-align: center; margin: 10px 0;">  </div>	<p>9. Cameron's football team scored 42 points in their first game, 28 points in their second game, and 64 points in their third game. About how many total points did his team score?</p> <p style="text-align: center;">a. 190 points c. 120 points b. 130 points d. 140 points</p>						
<p>4. Find the area:</p> <div style="text-align: center; margin: 10px 0;">  </div>	<p>10. Match the vocabulary terms:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Multiplication</td> <td style="width: 50%;">Sum</td> </tr> <tr> <td>Addition</td> <td>Product</td> </tr> <tr> <td>Division</td> <td>Quotient</td> </tr> </table>	Multiplication	Sum	Addition	Product	Division	Quotient
Multiplication	Sum						
Addition	Product						
Division	Quotient						
<p>5. Compare:</p> <p>.023 <input type="radio"/> .23</p> <p>.45 <input type="radio"/> .4500</p> <p>.90 <input type="radio"/> .009</p>	<p>11. Find the missing angle (x):</p> <div style="margin: 10px 0;">  </div>						
<p>6. Solve:</p> $\frac{1}{4} \div \frac{3}{5} =$	<p>12. Solve:</p> $(14+12) \times (16-4)$						

Summer Break Packet Day 6

1. Andrea's words read correctly are listed below.
Find the mean of her three most recent scores.

Prompts	Words read
1	132 words per minute
2	120 words per minute
3	114 rds per minute

6. Complete the table: $x \div 3 = y$

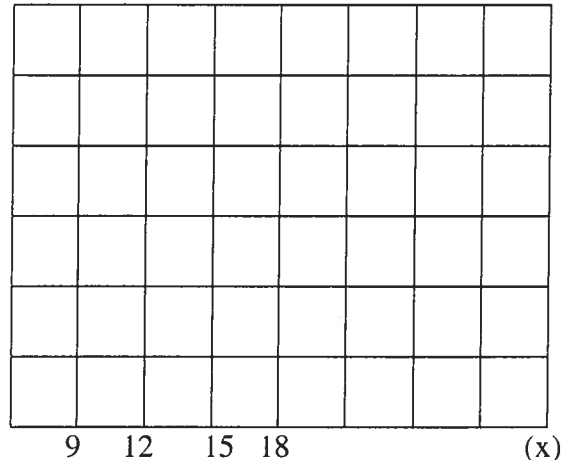
X	y
9	
12	
15	
18	

1. Complete the chart:

Fraction	Decimal	Percent
4/5		
	.85	
		120%

7. Chart the points above:

(y)



2. Find the mean of the following set of numbers:

$1/2, 3/4, 1/4, 1/8, 1/10$

8. Mike is planning to fence in his backyard. His yard is 14 yards wide and 23 feet long. How many yards of fencing should Mike buy?

3. Solve:

$$1 \frac{3}{4} \times 2 \frac{2}{3}$$

9. Find the range of the following set of numbers:

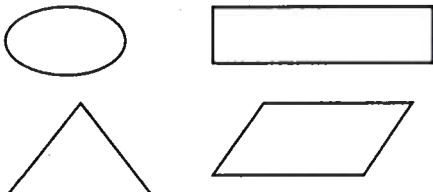
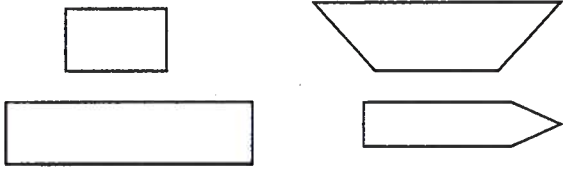
$1/2, 3/4, 1/4, 1/8, 1/10$

5. Kevin has $1 \frac{9}{10}$ liters of juice. Brandon has $3/10$ liters of juice. How much do the two have together?


10. Solve:

$$\begin{array}{r} 4 \text{ hour } 27 \text{ minutes} \\ - 1 \text{ hour } 38 \text{ minutes} \\ \hline \end{array}$$

Summer Break Packet Day 7

<p>1. Solve:</p> $(8 \times 9) - (3 \times 10) + 2$	<p>7. Find the mean, median and mode for the following set of numbers:</p> $\frac{1}{2}, \frac{3}{4}, \frac{3}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}$
<p>2. Convert each unit below:</p> <p>24 inches = _____ feet</p> <p>2 tons = _____ pounds</p> <p>33 feet = _____ yards</p>	<p>8. Circle the shapes that have right angles.</p> 
<p>3. Write each fraction as a percent:</p> $\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{4}$	<p>9. Circle the shapes that have 2 sets of parallel sides.</p> 
<p>4. If a truck can carry 4,000 pounds of material. How many tons can the truck carry?</p>	<p>10. Divide 42 by 7. Then multiply by 10.</p>
<p>5. Fifth graders are going on a field trip to the zoo. Each bus can fit 25 children. There are 320 students in the fifth grade. How many buses are needed for the field trip?</p>	<p>11. Write the number in word and expanded form:</p> 1.235
<p>6. Mandy made \$422 babysitting last year. She babysat a total of 40 hours. About how much money does Mandy make babysitting per hour?</p> <p>a. \$10 c. \$15</p> <p>b. \$20 d. \$4</p>	<p>12. Write the number in word and expanded form:</p> 32.45

Summer Break: Day 8

<p>1. Convert each fraction to a decimal:</p> <p style="margin-left: 40px;">$1 \frac{1}{5} =$</p> <p style="margin-left: 40px;">$3 \frac{1}{2} =$</p> <p style="margin-left: 40px;">$3 \frac{2}{3} =$</p>	<p>7. Add:</p> <p style="margin-left: 40px;">$432.11 + 1.34 =$</p>										
<p>2. Change each improper fraction to a mixed number:</p> <p style="margin-left: 40px;">$\frac{32}{4}$</p> <p style="margin-left: 40px;">$\frac{46}{5}$</p> <p style="margin-left: 40px;">$\frac{23}{20}$</p>	<p>8. Subtract:</p> <p style="margin-left: 40px;">$12.44 - 11.800$</p>										
<p>3. Subtract:</p> <p style="margin-left: 40px;">$4 \frac{3}{10}$</p> <p style="margin-left: 40px;">$- \underline{2 \frac{7}{10}}$</p>	<p>9. One serving of meat is 4 oz. What fraction of one pound will equal one serving of meat? (Hint: 16 oz=1 lb.)</p>										
<p>4. Solve:</p> <p style="margin-left: 40px;">$(54-32) + 3^3$</p>	<p>10. There are fourteen boys and six girls in the class. What fraction of the class is boys (simplify).</p>										
<p>5. Compare:</p> <p style="margin-left: 40px;">4mm <input type="text"/> 2meters</p> <p style="margin-left: 40px;">12cm <input type="text"/> 5meters</p> <p style="margin-left: 40px;">22meters <input type="text"/> 4km</p>	<p>11. Joey and Jill mow lawns together in the summer. They are paid \$24 per lawn. Over summer they mow 40 lawns. If they equally divide the money, how much does each child make?</p>										
<p>6. Complete the chart using the pattern $2x=y$</p> <table border="1" style="margin-left: 40px; border-collapse: collapse; width: 150px;"> <thead> <tr> <th style="padding: 5px;">x</th> <th style="padding: 5px;">y</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">4</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">5</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">6</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">7</td> <td style="padding: 5px;"></td> </tr> </tbody> </table>	x	y	4		5		6		7		<p>12. Plot each point on the number line. Label each point you plot.</p> <p style="margin-left: 40px;">.251, $\frac{1}{4}$, $\frac{1}{2}$, .55, $\frac{3}{4}$, .90</p> <div style="margin-left: 40px; text-align: center;">  </div>
x	y										
4											
5											
6											
7											

Summer Break Day 10

<p>1. Solve: $n=4$; $c=3$</p> $9n - 3c$	<p>7. Compare:</p> $234.099 \quad \bigcirc \quad 234.09$
<p>2. Find the mean of the following test scores:</p> $89, 90, 99, 100, 88$	<p>8. Find the range of the following test scores:</p> $90, 88, 85, 67, 90$
<p>3. Put the following fractions into simplest form:</p> $9/12 =$ $10/30 =$ $5/15 =$	<p>9. Put the numbers in order from least to greatest.</p> $.25, 1/5, 9/10, 40\%$
<p>4. State the value of the underlined digit:</p> $12,\underline{3}02 =$ $1\underline{4},014 =$ $\underline{5}05,244 =$	<p>10. Carla drives 70 miles per hour. She drives for a total of 8 hours. How many miles does she drive?</p>
<p>5. Ramiah has 40 marbles. She shares $2/3$ of the marbles with a friend. How many marbles does she share with her friend?</p>	<p>11. Max's plane leaves at 9:45am on Monday. It arrives at 1:00pm on Monday. How long is Max's flight?</p>
<p>6. Mark and John share the cost of a birthday gift. The cost of the gift is \$20.48. Mark pays for $2/3$ of the gift and John pays for the remaining $1/3$. How much did each boy pay?</p>	<p>12. Round to the nearest whole number:</p> $212.33 =$ $42.89 =$ $99.99 =$

Summer Break Day 11

<p>1. Max earned \$8 for each hour of work he completed. His mom put \$120 in his savings account at the start of summer. By the end of summer, Max had \$400 in his savings account. Write an equation to determine the number of hours Max worked over summer.</p>	<p>7. Mindy collected 342 rocks last summer. She shared the rocks with her little sister and little brother. If the three children shared the rocks equally, how many did each child receive? How many rocks are left over?</p>										
<p>2. Shelby plays softball for her school team. Her team has a total of 40 points this year. Shelby scored $\frac{1}{8}$ of her team's points. How many points did Shelby score?</p>	<p>8. Raymond has 2 gallons of Gatorade. Ramon wants to give each of his teammates one cup of Gatorade. If Raymond has 30 teammates, does he have enough Gatorade for each teammate?</p>										
<p>3. What is $\frac{1}{2}$ of $\frac{5}{8}$?</p>	<p>9. What is $\frac{2}{3}$ expressed as a decimal and percent?</p>										
<p>4. Michelle's recipe calls for 16 fluid ounces of milk and she has 2 cups of milk, does Michelle have enough?</p>	<p>10. Write the operation that goes with each vocabulary term:</p> <p style="margin-left: 40px;">Sum-</p> <p style="margin-left: 40px;">Quotient-</p> <p style="margin-left: 40px;">Product-</p>										
<p>5. The temperatures in Cincinnati this week are recorded below. Should a circle graph be used to display this data? Why or why not?</p> <table border="1" style="margin-left: 20px; border-collapse: collapse; width: 250px;"> <tr> <td style="padding: 5px;">Monday</td> <td style="padding: 5px;">80 degrees</td> </tr> <tr> <td style="padding: 5px;">Tuesday</td> <td style="padding: 5px;">87 degrees</td> </tr> <tr> <td style="padding: 5px;">Wednesday</td> <td style="padding: 5px;">67 degrees</td> </tr> <tr> <td style="padding: 5px;">Thursday</td> <td style="padding: 5px;">78 degrees</td> </tr> <tr> <td style="padding: 5px;">Friday</td> <td style="padding: 5px;">77 degrees</td> </tr> </table>	Monday	80 degrees	Tuesday	87 degrees	Wednesday	67 degrees	Thursday	78 degrees	Friday	77 degrees	<p>11. Is a rectangle a parallelogram? Why or why not?</p>
Monday	80 degrees										
Tuesday	87 degrees										
Wednesday	67 degrees										
Thursday	78 degrees										
Friday	77 degrees										
<p>6. What was the mean temperature, using the data represented in question 5.</p>	<p>12. Which property is shown below?</p> <p style="margin-left: 40px;">$3(2+4)=(3 \times 2)+(3 \times 4)$</p>										

Summer Break Day 12

1. Brandon has forty two apples, twenty seven bananas, and fifty oranges. If Brandon divides his fruit up between five baskets, about how much fruit will be in each basket?

2. Write an equation to represent the table below:

X	Y
3	9
6	18
9	27

3. Max pitches in 38 baseball games this season. He pitches shutouts in 13 of those games. What percentage of games played, did Max pitch shutouts?

4. Compare:

23.45 23.54

82.3300 82.330

3.5901 3.59

5. Which property is shown below:

$$2(3 \times 8) = (2 \times 3) + (2 \times 8)$$

- a. Associative c. commutative
b. Distributive d. identity

6. A can of Pringles on average has 112 chips in it. If 16 chips is a serving. About how many servings are in one can of chips?

7. Solve: $n=32$

$$(3 + n) - 7 \times 4$$

8. Convert:

22mm = _____ meters

4.33km = _____ meters

.50liters = _____ mL

9. Find the average of the following:

28, 32, 25, 50, 45

10. Find the range of the following numbers:

80, 82, 50, 90, 98, 100

11. If Michelle's flight leaves California at 8:40 and lands in Washington at 10:20. How long was her flight?

12. If Rachel rides her bike to school Monday thru Friday and her bike ride is 3 miles. How many miles does she bike per week?

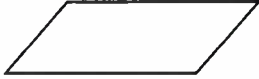
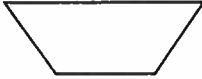
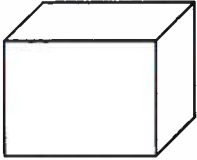
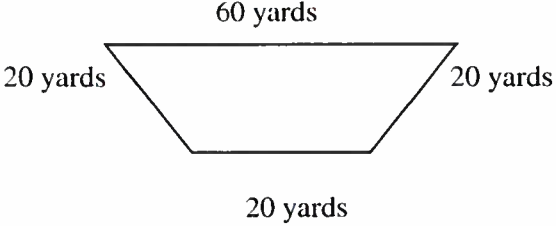
Summer Break Day 13

<p>1. Convert the following percents to fractions in simplest form:</p> <p>28%</p> <p>50%</p> <p>12%</p> <p>25%</p>	<p>2. Convert the following decimals to percents:</p> <p>.22</p> <p>.90</p> <p>.880</p> <p>.1</p>
<p>3. Randy has 180 days of school this year. He attends school 6 hours per day. How many hours of school does Randy have this year?</p>	<p>4. Andrea has .89 pounds of grapes and 1.38 pounds of apples. How many more pounds of apples does Andrea have than grapes?</p>
<p>5. Solve:</p> <p>$(3 \times 42) + 0.52 \times 0.82$</p>	<p>6. Define the following:</p> <p>Divisor:</p> <p>Dividend:</p> <p>Quotient:</p>
<p>7. Riley walks her dog 2 miles on Friday and Saturday. She walks her dog 1 mile on the other days of the week. How many miles does she walk her dog per week?</p>	<p>8. Molly walks her dog a total of 14.4 miles per week. If she walks her dog the same amount each day. How many miles does she walk her dog per day?</p>
<p>9. List the following in order from least to greatest:</p> <p>$\frac{2}{3}$, 70%, .900, .009</p>	<p>10. List the following in order from greatest to least:</p> <p>23mL, 23 liters, 23kL</p>
<p>11. Convert the following:</p> <p>24 inches = _____ ft.</p> <p>99 ft = _____ yards</p> <p>27 yards = _____ ft.</p>	<p>12. Jamie needs 2 cups of milk for her recipe. How many times will she need to fill her $\frac{1}{4}$ measuring cup to make 2 cups?</p>

Summer Break Day 14

<p>1. Solve:</p> 2.85×10^3 $32.40 \div 10^2$ $.83 \times 10^2$	<p>7. When multiplying two fractions together, the product will always be.</p> <p>a. Less than both fractions</p> <p>b. Greater than both fractions</p>
<p>2. Find the least common multiple of 3 and 5.</p>	<p>8. Write one key/buzz word for the following types of problems:</p> <p>Division</p> <p>Multiplication</p> <p>Addition</p> <p>Subtraction</p>
<p>3. Find the greatest common factor of 54 and 72</p>	<p>9. Find the factors of 24.</p>
<p>4. Rachel is paid \$32.00 per hour for mowing lawns. She makes a total of \$128.00 on Monday. Write an equation that shows how many hours Rachel mowed lawns on Monday.</p>	<p>10. What is the sum of 2.899 and 10.2?</p>
<p>5. Kamil walks .42 miles to Ryan's house. Then Ryan and Kamil walk 1.32 miles to the library. How many total miles does Kamil walk?</p>	<p>11. John has .238 pounds of grapes. Katie has 0.2380 pounds of grapes. Who has the most grapes?</p>
<p>6. The product of $\frac{3}{4}$ and another number is less than $\frac{3}{4}$. Choose the number that makes the statement true.</p> <p>a. $\frac{5}{2}$</p> <p>b. $\frac{4}{2}$</p> <p>c. $\frac{3}{2}$</p> <p>d. $\frac{1}{2}$</p>	<p>12. Which unit of measurement (standard measurement) would we use to measure the following items:</p> <p>a. Football field-</p> <p>b. Pencil-</p> <p>c. Length of a classroom-</p>

Summer Break: Day 15

<p>1. Ranae bought 2.3 pounds of apples last week. The price of apples is \$4.50 per pound. How much did she pay in total for her apples?</p>	<p>7. Find the difference in $\frac{7}{8}$ and $\frac{1}{4}$.</p>
<p>2. Sasha runs cross country for her school. If she ran a three mile race in 21 minutes and 18 seconds, what was her average speed per mile?</p>	<p>8. A parallelogram is:</p> <p>Sometimes a quadrilateral</p> <p>Never a quadrilateral</p> <p>Always a quadrilateral</p>
<p>3. Mr. Wayne's science test gave his students trouble. The top score was an 82% and the bottom score was a 65%. What was the range of scores on the science test?</p>	<p>9. Write 2 characteristics of a rhombus:</p>
<p>4. What is the sum of $\frac{2}{3}$ and $\frac{5}{6}$?</p>	<p>10. Write two names for the following shapes:</p> <div style="display: flex; justify-content: space-around; align-items: center;"></div>
<p>5. What is the volume of the following cube?</p>  <p>9meters</p>	<p>11. Draw.</p> <p>Parallel lines:</p> <p>Intersecting lines:</p> <p>Perpendicular lines:</p>
<p>6. What is the perimeter of the following backyard?</p> 	<p>12. Solve:</p> $\left(\frac{1}{2} + \frac{1}{4}\right) - \frac{1}{8}$

Summer Break Day 16

1. Complete the following chart:

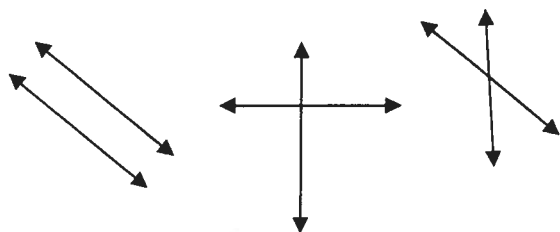
X	y
25	50
50	100
100	200
???	???

7. Naomi has 478 paper clips. She gives each of her 4 friends an equal set of paper clips. How many paper clips does each friend get? Are there any paper clips left over?

2. Write an equation to represent the pattern shown in the chart above.

8. Jessie's band plays in 9 shows in the month of June. They earn a total of \$2,799.99. How much does the band earn per show?

3. Name the following:



9. Brayden's checking account balance is \$478.00. He deposits \$120.00 and withdraws \$57. What is his new balance?

4. What is 458.991 rounded to the tenths place?

10. Ray charges \$3.75 for cupcakes. He sells 100. How much money does he make?

5. What is the value of 8 in the following numbers:

4.81

2.008

800.1

11. Solve:

$$4^3$$

$$6^2$$

$$7^3$$

6. Solve:

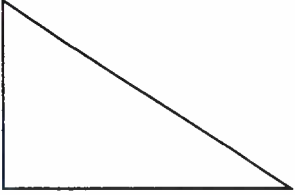
$$2.33 \times 100 =$$

$$.0012 \times 10^3 =$$

$$15.11 \times 1/10 =$$

12. TJ is collects 22 coins in April, 32 coins in May, 14 coins in June, and 27 coins in July. What is the average number of coins TJ collects per month?

Summer Break Day 17

<p>1. Name all six types of triangles.</p>	<p>7. Mindy wants to buy six packs of gum from the grocery store. 3 packs are \$3.25 each. Single packs are \$1.12 each. Should Mindy buy 3-packs or single packs of gum?</p>						
<p>2. Find the missing angles:</p> <p style="text-align: right;">Angle A= 36 degrees</p> <div style="display: flex; align-items: center; margin-top: 20px;"> <div style="margin-right: 10px;">A</div>  <div style="margin-left: 10px;">C</div> </div>	<p>8. Solve:</p> <p style="text-align: center; font-size: 1.2em;">(9x8) X 10 + 24</p>						
<p>3. A rectangle has an area of 36 meters squared. The length of the rectangle is 9 meters. What is the width of the rectangle?</p>	<p>9. Brandon's work is 28 miles from his house. If he works Mondays, Wednesdays, and Fridays, how many miles does he drive to and from work in the course of one week?</p>						
<p>4. Kayla's backyard is 36.3 yards long and 27.8 yards wide. If she wants to put a fence around her entire backyard, how many feet of fencing will she need?</p>	<p>10. What is the product of 112 and 23?</p>						
<p>5. Convert:</p> <p>100 ft= yards</p> <p>99yards= feet</p> <p>112 feet= inches</p>	<p>11. Estimate the quotient:</p> <p style="text-align: center;">4,890 ÷ 82 =</p>						
<p>6. Carlos had the following test scores in his math class:</p> <p>96, 88, 79, 90, 100, 89</p> <p>What is the mean of his scores?</p> <p>What is the range of his scores?</p>	<p>12. The price of camping equipment is shown in the chart below. If Joe's family needs a tent, flashlight, and three sleeping bags, how much will they spend on camping gear?</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <tbody> <tr> <td style="padding: 5px;">Flashlight</td> <td style="padding: 5px;">\$19.20</td> </tr> <tr> <td style="padding: 5px;">Tent</td> <td style="padding: 5px;">\$69.99</td> </tr> <tr> <td style="padding: 5px;">Sleeping Bag</td> <td style="padding: 5px;">\$17.50</td> </tr> </tbody> </table>	Flashlight	\$19.20	Tent	\$69.99	Sleeping Bag	\$17.50
Flashlight	\$19.20						
Tent	\$69.99						
Sleeping Bag	\$17.50						

Summer Break Day 18

1. Find the value of x . $7 * X = 98$	7. $48.92 \div 2.4$
2. Solve: $(7.2 \times 3.8) - 1.99$	8. Write .60 as a fraction and percent.
3. Melissa bought 29.45 square feet of hardwood at the store. Her kitchen is 5.4 feet wide and 6.9 feet long. Will she have enough hardwood?	9. Jane has .62 liters of milk. Her recipe calls for 10 mL. Will Jane have enough milk?
4. Megan has practiced the piano for 7.5 hours over the course of this week. She practices on Tuesdays, Thursdays, and Saturdays. How many minutes is Megan's average practice?	10. Mike collects rocks over the course of three summers. He has collected 200 rocks altogether. 103 in the first summer and 42 in the second summer. How many rocks did Mike collect in his third summer?
5. Draw the following: Scalene Triangle Isosceles Triangle Equilateral Triangle	11. Draw the following: Parallel lines Intersecting lines Perpendicular lines
6. Is a rectangle a parallelogram? Why or why not?	12. Matthew has \$278.50 to spend on books. His Math book is \$102.48. His Science book is \$42.60. His writing book is \$48.99. Does he have enough money? If yes, how much will he have left?

Summer Break Day 19

<p>1. How many quarters will it take to make \$28.00?</p>	<p>7. What is 42^2?</p>
<p>2. Round the following numbers to the nearest whole number:</p> <p>3.865</p> <p>42.55</p> <p>69.87</p>	<p>8. What is the area of a square with a length of $2\frac{1}{2}$ cm?</p>
<p>3. What is the sum of 28.72 and 32.54?</p>	<p>9. What is the perimeter of a square with a length of $2\frac{1}{2}$ cm?</p>
<p>4. What are the next three numbers in the pattern?</p> <p>6, 12, 24, 48...</p>	<p>10. Find the volume of a cube with a height of $2\frac{1}{2}$ inches, width of $3\frac{3}{4}$ inches, and length of $6\frac{1}{4}$ inches.</p>
<p>5. Write an equation to represent the following:</p> <p>Cameron has 42 beads. Michelle has 4 times as many beads as Cameron. How many beads does Michelle have?</p>	<p>11. What is the greatest common factor of 49 and 54?</p>
<p>6. Solve for x.</p> <p>$68 - x = 42$</p>	<p>12. What is the least common multiple of 7 and 18?</p>

Summer Break Day 20

<p>1. Convert:</p> <p>282.33 mL = L</p> <p>32.44 L = mL</p> <p>12 grams = kg</p>	<p>7. Find the mean, median, and mode of the numbers below:</p> <p>28.22, 34.5, 27.11, 39</p>
<p>2. Make the following mixed numbers, improper fractions:</p> <p>2 $\frac{3}{4}$</p> <p>3 $\frac{1}{3}$</p> <p>4 $\frac{1}{2}$</p>	<p>8. Find the range of the numbers listed in problem 7.</p>
<p>3. Make the following improper fractions, mixed numbers:</p> <p>$\frac{9}{2}$</p> <p>$\frac{10}{4}$</p> <p>$\frac{100}{22}$</p>	<p>9. Draw the following:</p> <p>Acute Triangle</p> <p>Obtuse Triangle</p> <p>Right Triangle</p>
<p>4. What is the place value of each digit underlined below:</p> <p>22.4<u>9</u>9</p> <p>38.1<u>4</u>5</p> <p>92.<u>8</u>41</p>	<p>10. Draw the following:</p> <p>Line segment</p> <p>Line</p> <p>Ray</p>
<p>5. Convert:</p> <p>88quarts = gallons</p> <p>42 pints = cups</p> <p>24 cups = fluid ounces</p>	<p>11. Find the third angle in each triangle:</p> <p>28 degrees, 54 degrees,</p> <p>32degrees, 90 degrees,</p> <p>90 degrees, 25 degrees,</p>
<p>6. What is the difference of 28.24 and 21.89?</p>	<p>12. Amanda ran 2.89 miles on Saturday, 3.9 miles on Sunday, and 4.2 miles every weekday. How many total miles did Amanda run in this week?</p>

