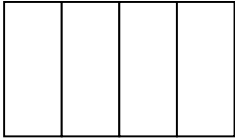
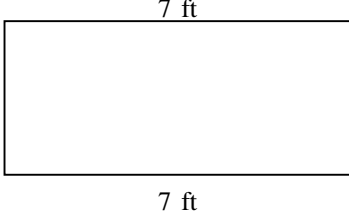
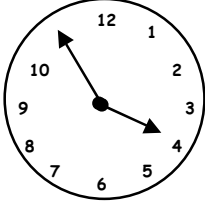


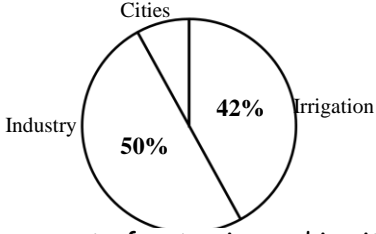


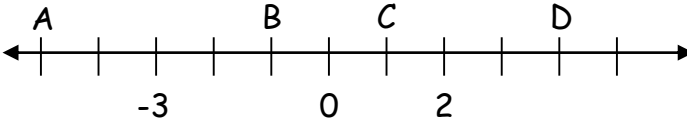


# 5<sup>th</sup> Grade Summer Mathematics Review #1

Name: \_\_\_\_\_

<p>1. Find the median.</p> <p>5, 12, 18, 7, 24, 16</p>	<p>2. Compare using <math>&lt;</math>, <math>&gt;</math>, or <math>=</math>.</p> <p>a) 0.432 ____ 0.4310</p> <p>b) 0.199 ____ 0.2</p>
<p>3. Create a word problem for this open statement.</p> <p><math>72 \div n = 12</math></p>	<p>4. Solve.</p> <p><math>3 \overline{)4.185}</math></p>
<p>5. Shade in the parts to show 25%.</p> 	<p>6. Find the area of the rectangle.</p> 
<p>7.</p>  <p>What time does the clock show?</p> <p>a) _____</p> <p>What time will it be 3 hours and 45 minutes from that time shown on the clock?</p> <p>b) _____</p>	<p>8. Decide whether to use area or perimeter.</p> <p>If Ana wants to frame a poster that is 13 in. high and 21 in. wide, how much framing material will she need?</p> <p>She will need to find the _____.</p> <p>Ana needs _____ of material.</p>
<p>9. Add.</p> <p><math>\frac{1}{3} + \frac{4}{6} =</math></p> <p>Write the answer in lowest terms.</p>	<p>10. Write a word problem that requires division to solve and uses the numbers 32 and 8 in the problem. Be sure to give an answer.</p>

## 5<sup>th</sup> Grade Summer Mathematics Review #2

Name: \_\_\_\_\_

<p>1. Name the <b>place</b> of the underlined digit.</p> <p>a. 3.42<u>6</u>8      _____</p> <p>b. 79.5<u>4</u>13      _____</p> <p>c. 7<u>0</u>4, 582      _____</p>	<p>2. Tammy has 3 older sisters. Veronica is the oldest. If the sum of the four girls' ages is 60, and if her sisters' ages are 18, 16, and 15, how old is Tammy?</p>						
<p>3. Find the product.</p> <p>3.09 × 2.3= _____</p>	<p>4. Ms. James collected 7,344 eggs from her hen house. How many dozen eggs did she gather?</p>						
<p>5. <b>Annual Water Usage</b></p> <div style="text-align: center;">  </div> <p>What percent of water is used in cities? _____</p> <p>How do you know?</p>	<p>6. The angle at the corner of a square measures _____ degrees and is called a _____ angle.</p> <div style="text-align: center;">  </div>						
<p>7. Mr. Harris is planning a garden. He needs to buy enough bricks to go around his garden. Using the diagram, find the perimeter.</p> <div style="text-align: center;">  </div>	<p>8. Find the mean and mode in this set of data.</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: center; text-decoration: underline;">Set</th> <th style="text-align: center; text-decoration: underline;">Mean</th> <th style="text-align: center; text-decoration: underline;">Mode</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1, 16, 12, 11, 12, 14</td> <td></td> <td></td> </tr> </tbody> </table>	Set	Mean	Mode	1, 16, 12, 11, 12, 14		
Set	Mean	Mode					
1, 16, 12, 11, 12, 14							
<p>9.</p> <div style="text-align: center;">  </div> <p>Identify the value of the following points:</p> <p>A =                  B =                  C =                  D =</p>	<p>10. Is figure A congruent to figure B? Explain your answer.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>A</p>  </div> <div style="text-align: center;"> <p>B</p>  </div> </div>						

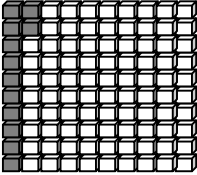
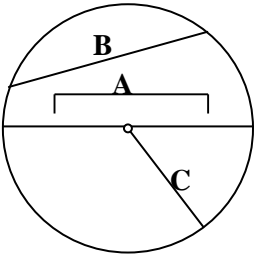
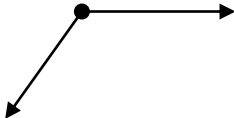
### 5<sup>th</sup> Grade Summer Mathematics Review #3

Name: \_\_\_\_\_

<p>1. Solve. Write your answer in lowest terms.</p> $4\frac{3}{8} + 2\frac{1}{8} =$	<p>2. List all of the factors of the following numbers.</p> <p style="text-align: center;">10                      7                      20</p> <p>Which of the number(s) are prime? Which of the number(s) are composite</p>
<p>3. How many lines of symmetry does an equilateral triangle have?</p>	<p>4. Coach Higgins jogged <math>1\frac{7}{8}</math> miles on Monday, <math>3\frac{5}{6}</math> miles on Tuesday, and <math>5\frac{1}{4}</math> miles on Wednesday. How many miles did he jog altogether?</p>
<p>5. Thomas wants to make a frame for his picture. The drawing is 18 in. high and 24 in. wide. If he wants to make the frame from a single piece of wood, how long must the piece be?</p>	<p>6. Complete the pattern.</p> <p style="text-align: center;">2, 9, 23, 51, _____, _____, _____</p> <p>Describe the pattern:</p>
<p>7. Your school day begins at 8:50 a.m. and ends at 3:10 p.m. How long are you in school?</p>	<p>8. Solve.</p> $42 \overline{)3,281}$ <p>Check your answer using estimation.</p>
<p>9. Use a compass and a ruler. Draw a circle with a radius of 7 cm.</p> <p>What is the diameter of the circle?</p>	<p>10. Draw a number line and place -7 and 5 on it.</p>

## 5<sup>th</sup> Grade Summer Mathematics Review #4

Name: \_\_\_\_\_

<p>1. In the number 1.093:</p> <p>a. Which digit is in the hundredths place? ____</p> <p>b. In which place is the digit 0? _____</p>	<p>2. List the factors of each. Identify each number as prime or composite.</p> <p style="text-align: center;">13                      54                      72</p>						
<p>3. If a square has a perimeter of 32 centimeters what would be the measurement of each side?</p>	<p>4. Solve.</p> <p style="text-align: center;"><math>9.848 \div 8 =</math></p>						
<p>5.  What percent of the square is shaded? _____</p> <p style="text-align: center;">What percent is not shaded?</p> <p style="text-align: center;">_____</p>	<p>6. Find the missing divisor.</p> <p style="text-align: center;"><math>4,644 \div n = 36</math></p>						
<p>7. Identify the parts of the circle.</p> <p><b>Match</b></p> <table style="margin-left: 20px;"> <tr> <td>chord</td> <td>A</td> </tr> <tr> <td>diameter</td> <td>B</td> </tr> <tr> <td>radius</td> <td>C</td> </tr> </table> 	chord	A	diameter	B	radius	C	<p>8.</p> <p style="text-align: center;"><math>2.8 \times 0.02 =</math></p>
chord	A						
diameter	B						
radius	C						
<p>9. It is now 3:15 p.m. Is it possible to drive 135 miles and arrive before 5:00 p.m. if you drive 55 mph? Explain your answer.</p>	<p>10. Is the angle below a right, acute or obtuse angle? Explain your answer.</p> 						


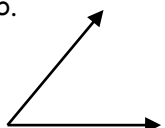
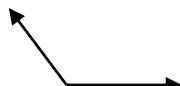
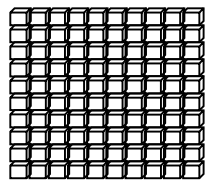
# 5<sup>th</sup> Grade Summer Mathematics Review #5

Name: \_\_\_\_\_

<div>1. Choose <math>&gt;</math>, <math>&lt;</math>, or <math>=</math>.</div> <div>23.932 _____ 23.93</div>	<div>2. Which unit of measurement would you use to estimate each of the following? Use metric or customary systems.</div> <div>a. your height</div> <div>b. your weight</div>
<div>3. Multiply.</div> <div><div>0.43</div><div><div><div>_____</div><div>x</div><div>0.5</div></div></div></div>	<div>4. Jim bought 5 pounds of hamburger. He put <math>2\frac{3}{4}</math> pounds in the freezer and used the rest for supper.</div> <div>How much did he use for supper?</div>
<div>5. What is the perimeter of this rectangle?</div> <div><div><div><div></div></div></div><div>1.25 yd</div><div>4.75 yd</div></div>	<div>6. Solve.</div> <div><div>28</div><div>)</div><div>223</div></div>
<div>7. Draw a right angle. Label the <math>\angle ABC</math>.</div>	<div>8.</div> <div><div>Monday</div><div>Tuesday</div><div>Wednesday</div><div>Thursday</div></div> <div><div>86°</div><div>91°</div><div>85°</div><div>82°</div></div> <div>What was the mean, (average) temperature for the four days?</div>
<div>9. Continue this pattern.</div> <div>4, 9, 16, 25, _____, _____, _____</div>	<div>10. Draw a thermometer and show <math>-10^{\circ}</math> and <math>15^{\circ}\text{F}</math>.</div>

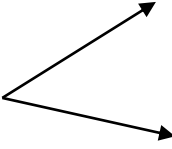
# 5<sup>th</sup> Grade Summer Mathematics Review #6

Name: \_\_\_\_\_

<p>1. Solve.</p> $106.27 - 38.154 =$	<p>2.</p> $49 \overline{) \$2989}$
<p>3. A bag contains 8 yellow marbles, 7 blue marbles, 3 red marbles, 1 green marble and 1 white marble.</p> <p>a) What is the probability of drawing a red marble? _____</p> <p>b) What is the probability of drawing a blue marble? _____</p>	<p>4. Classify the angles as obtuse, acute, or right.</p> <p>a.  _____</p> <p>b.  _____</p> <p>c.  _____</p>
<p>5. Shade the decimal square to show thirty-three hundredths. Write the shaded part as a percent.</p> 	<p>6.</p> <p>32 oz. of milk would be the same as _____ cups.</p>
<p>7. Write as a decimal.</p> $102 \frac{9}{10}$	<p>8. If a room measures 25 feet by 16 feet, how many square feet of carpet are needed to cover the floor?</p>
<p>9.</p> $9 \frac{3}{4} - 7 \frac{6}{8} =$	<p>10. If Myles T. Go improves his time in the mile run by 5 seconds each week, predict what his time will be after seven weeks if his starting time in the first week was 6 min. 32 seconds.</p>

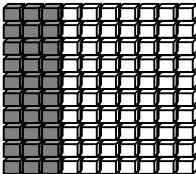
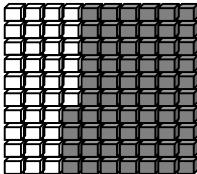
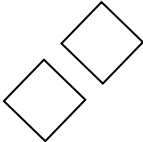
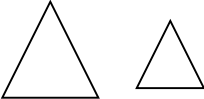
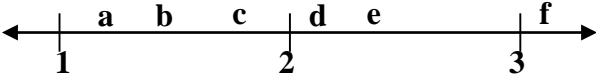
## 5<sup>th</sup> Grade Summer Mathematics Review #7

Name: \_\_\_\_\_

<p>1. Draw an angle measuring <math>100^\circ</math>. Label the <math>\angle ABC</math>. What type of angle did you draw?</p>	<p>2. Find the perimeter of a rectangle with a length of 9 yards and a width of 5 yards.</p> <p>Draw a picture and label.</p>
<p>3.</p> $285 \div 94 =$	<p>4. Write an equation using <math>n</math> for the unknown and solve.</p> <p>Mrs. Davis is 3 times as old as her son Joseph. She is 45 years old. How old is Joseph?</p>
<p>5.</p> $\begin{array}{r} 8\frac{1}{3} \\ + 5\frac{3}{4} \\ \hline \end{array}$	<p>6. Identify the angle as right, acute or obtuse and explain your reasons</p> 
<p>7. Write as a decimal.</p> <p>one hundred and seven thousandths</p> <p>_____</p>	<p>8. Suiki began cleaning her room at 11:45 a.m. She cleaned for <math>3\frac{3}{4}</math> hours.</p> <p>What time did she stop?</p>
<p>9. Write the next three numbers in the sequence. Describe the pattern to someone in your house.</p> <p>4, 5, 7, 10, _____, _____, _____</p>	<p>10. Find the mean (average) of these numbers:</p> <p>152, 454, 202, 99</p>

# 5<sup>th</sup> Grade Summer Mathematics Review #8

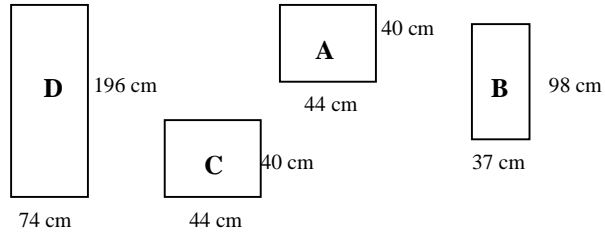
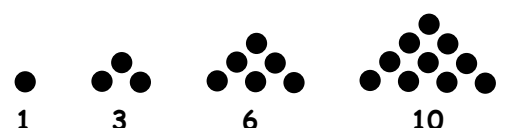
Name: \_\_\_\_\_

<p>1. Joan baked 48 cupcakes. She divided them into 8 containers. Write an equation to show how to find how many cupcakes are in each container?</p>	<p>2. Solve.</p> $0.236 \div 4 =$
<p>3. Each student in the class read mystery books over the summer. Here are the names of five students and the number of books they read.</p> <p>Maria - 7 books    Sara - 8 books    Jose - 5 books Phil - 7 books    David - 9 books</p> <p>On a separate piece of paper make a graph that clearly shows this information.</p>	<p>4. Solve.</p> $8 - 3\frac{3}{4} =$
<p>5. Mr. Suarez wanted to carpet his living room. Does he need to find the perimeter or area of the room?</p> <p>Explain your reasoning.</p>	<p>6. What decimal is shaded on each square ?</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <p>_____</p> <p>_____</p> </div>
<p>7. One winter day the temperature was 16°F. The next day it was 20° colder. What was the temperature then?</p>	<p>8. Are the figures below similar, congruent, or neither? Explain.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>a.</p>  <p>_____</p> </div> <div style="text-align: center;"> <p>b.</p>  <p>_____</p> </div> </div>
<p>9. Write the letter that shows the approximate position of 1.8 on the number line.</p> <div style="text-align: center; margin-top: 20px;">  </div> <p style="text-align: right; margin-top: 10px;">_____</p>	<p>10. Identify the angle made by the hands of a clock at 4:45 as right, obtuse or acute.</p>



# 5<sup>th</sup> Grade Summer Mathematics Review #9

Name: \_\_\_\_\_

<p>1. Order from least to greatest.</p> <p>5.9   5.89   5.809   5.8910   5.8</p>	<p>2. <b>Estimate</b> by rounding to the underlined place and multiply.</p> $\begin{array}{r} \underline{3}37 \\ \times \quad \underline{5} \\ \hline \end{array}$
<p>3. The middle school purchased 1000 tickets for a rock concert. Each ticket cost \$8.50. How much did the school pay for all of the tickets?</p>	<p>4. Every day, Jason spends 42 minutes reading. Write equation to show how much time he spends reading in a week?</p>
<p>5. For dessert, Aunt Terry baked molasses muffins. She put them in the oven at 1:30 p.m. and baked them for 15 min. If they must cool for 30 minutes, at what time will they be ready for eating?</p>	<p>6. To find the weight of the earth, use:</p> <p>a. tons b. yards c. gallons d. ounces</p>
<p>7.</p>  <p>a. Which figures are similar, but not congruent? _____</p> <p>b. Which figures are congruent? _____</p>	<p>8.</p> $2 \overline{)0.048}$
<p>9. The numbers 1, 3, 6, and 10 are called triangular numbers. What are the next three triangular numbers?</p> 	<p>10. Using this data, find the mean and the mode.</p> <p>100   73   82   85   82   96   91</p> <p>Mean _____</p> <p>Mode _____</p>



## 5<sup>th</sup> Grade Summer Mathematics Review #10

Name: \_\_\_\_\_

<p>1. Choose <math>&gt;</math>, <math>&lt;</math>, or <math>=</math>.</p> <p style="text-align: center; margin-top: 20px;">48.02    _____    48.13</p>	<p>2. The theater's curtains need 20.5 m of cloth. Jody cut 2 pieces of 4.8 m each for the sides. How much more is needed?</p>															
<p>3. Complete the table below. Replace the letters with the correct measurements.</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;">length</td> <td style="padding: 5px;">15 ft.</td> <td style="padding: 5px;">12 in.</td> <td style="padding: 5px;"><b>C</b></td> <td style="padding: 5px;">38 ft.</td> </tr> <tr> <td style="padding: 5px;">width</td> <td style="padding: 5px;"><b>A</b></td> <td style="padding: 5px;"><b>B.</b></td> <td style="padding: 5px;">18 yd..</td> <td style="padding: 5px;">4 ft.</td> </tr> <tr> <td style="padding: 5px;">area</td> <td style="padding: 5px;">225 ft.<sup>2</sup></td> <td style="padding: 5px;">132 in.<sup>2</sup></td> <td style="padding: 5px;">324 yd.<sup>2</sup></td> <td style="padding: 5px;"><b>D</b></td> </tr> </table>	length	15 ft.	12 in.	<b>C</b>	38 ft.	width	<b>A</b>	<b>B.</b>	18 yd..	4 ft.	area	225 ft. <sup>2</sup>	132 in. <sup>2</sup>	324 yd. <sup>2</sup>	<b>D</b>	<p>4. Round each factor to the nearest whole number and multiply.</p> <div style="text-align: right; margin-top: 20px;"> <math display="block">\begin{array}{r} 8.2 \\ \times 3.4 \\ \hline \end{array}</math> </div>
length	15 ft.	12 in.	<b>C</b>	38 ft.												
width	<b>A</b>	<b>B.</b>	18 yd..	4 ft.												
area	225 ft. <sup>2</sup>	132 in. <sup>2</sup>	324 yd. <sup>2</sup>	<b>D</b>												
<p>5. A circle has a diameter of 18 inches. Its radius measures _____.</p>	<p>6. Solve for n.</p> <div style="text-align: center; margin-top: 20px;"> <math display="block">2\frac{3}{5} - 1\frac{8}{10} = n</math> </div>															
<p>7. What unit of measurement would you choose to measure the following?</p> <p style="text-align: center;"><b>inches    ounces    feet    pounds    tons</b></p> <p>a) the height of a table _____</p> <p>b) the weight of your dog _____</p> <p>c) the weight of the space shuttle _____</p> <p>d) the weight of a postcard _____</p>	<p>8. Carol ran 27 miles today. She ran 12.2 miles in the morning. Write an equation to show how many miles she ran in the afternoon.</p>															
<p>9. How many lines of symmetry does a butterfly have? Explain.</p>	<p>10. If Shari got an 85%, 73%, 95%, 98%, 75%, and 100% on her assignments, what was her mean?</p>															

# Fifth Grade Mathematics Summer Review

## ANSWER KEY

<p><b>Review #1</b></p> <p>1. 14 2. a. &gt; b. &lt; 3. See student work 4. 1,395 5. </p> <p>6. 28 square feet 7. a. 3:55 b. 7:40 8. Perimeter, 68 in. 9. <math>\frac{6}{6} = 1</math> 10. answers will vary</p>	<p><b>Review #6</b></p> <p>1. 68.116 2. \$61 3. a. 3/20 b. 7/20 4. a. right b. acute c. obtuse 5.  0.33 = 33% 6. 4 7. 102.9 8. 400 sq. ft. 9. 2 10. 5 min. 57 sec.</p>
<p><b>Review #2</b></p> <p>1. a. thousandths b. hundredths c. ten thousands 2. 11 years old 3. 7.107 4. 612 dozen 5. 8% because the total needs to be 100% 6. 90, right 7. 66 yards 8. mean - 11, mode - 12 9. A = -5 B = -1 C = 1 D = 4 10. no, not same size and shape</p>	<p><b>Review #7</b></p> <p>1. See student work, obtuse 2. 28 yds. 3. 3r3 or 3 3/94 or 3.03 4. 3x = 45, x = 15 5. 14 1/12 6. acute, less than 90° 7. 100.007 8. 3:30 p.m. 9. 14, 19, 25 (increase by 1 more each time) 10. 226.75</p>
<p><b>Review #3</b></p> <p>1. <math>6\frac{1}{2}</math> 2. 10 - 1,2,5,10 composite 7 - 1,7 prime 20 - 1,2,4, 5, 10, 20 composite 3. 3 4. <math>10\frac{23}{24}</math> 5. 84 inches 6. 107,219,443 (doubles and increases by 5) 7. 6 hours and 20 minutes 8. 78 r5 or 78 5/42 or 78.12 9. 14 cm 10. check student work</p>	<p><b>Review #8</b></p> <p>1. <math>48 \div 8 = 6</math> 2. 0.059 3. graphs will vary (a bar graph is appropriate) 4. <math>4\frac{1}{4}</math> 5. area, check reasoning 6. a. 0.3 or 0.30 b. 0.64 7. -4°F 8. a. congruent (same size and shape) b. similar (same shape) 9. c 10. obtuse</p>
<p><b>Review #4</b></p> <p>1. a. 9 b. tenths 2. 13 - 1,13 prime 54 - 1,2,3,6,9,18,27,54 composite (Note: A is also a chord) 72 - 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72 composite 3. 8 cm 4. 1.231 5. 12%, 88% 6. 129 7. A - diameter, B - chord, C-radius 8. 0.056 9. No. Arriving before 5 would mean less than 2 hours of driving which is fewer than 110 miles 10. Obtuse, larger than 90°</p>	<p><b>Review #9</b></p> <p>1. 5.8, 5.809, 5.89, 5.8910, 5.9 2. 1,500 3. \$8,500 4. <math>42 \times 7 = y</math> 5. 2:15 p.m. 6. tons 7. a. d and b b. a and c 8. 0.024 9. 15, 21, 28 10. mean = 87, mode = 82</p>
<p><b>Review #5</b></p> <p>1. &gt; 2. a. cm, ft or in b. kg or lbs. 3. 0.215 4. <math>2\frac{1}{4}</math> pounds 5. 12 yards 6. 7 r27 or 7 27/28 or 7.96 7. See student work 8. 86° 9. 36, 49, 64 10. check student work</p>	<p><b>Review #10</b></p> <p>1. &lt; 2. 10.9 m 3. a. 15 ft. b. 11 in. c. 18 yd. d. 152 ft<sup>2</sup> 4. 24 5. 9 in. 6. 4/5 7. a. in b. lbs. c. tons d. oz. 8. 27 - 12.2 = y 9. one, down the length of the body 10. 87.7% or 88%</p>