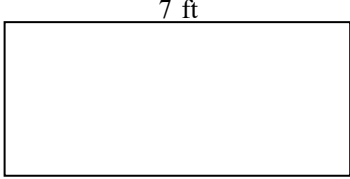
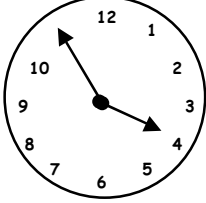


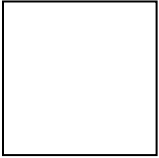



5th Grade Summer Mathematics Review #1

Name: _____

| | |
|--|--|
| <p>1. Find the median.</p> <p style="text-align: center;">5, 12, 18, 7, 24, 16</p> | <p>2. Compare using <, >, or =.</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 style="text-align: center;">$72 \div n = 12$</p> | <p>4. Solve.</p> <p style="text-align: center;">$3 \overline{)4.185}$</p> |
| <p>5. There are 25 boxes of crayons. Each box contains 96 crayons. How many crayons are there in all?</p> | <p>6. Find the area of the rectangle.</p> <div style="text-align: center;">  </div> |
| <p>7.  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 style="text-align: center;">$\frac{1}{3} + \frac{4}{6} =$</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> |

5th Grade Summer Mathematics Review #2

Name: _____

| | | | | | | | |
|---|---|-------------|-------------|-------------|-----------------------|--|--|
| <p>1. Name the place 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. <u>7</u>04, 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 x 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. If 2,150 markers are divided equally among 25 bins, how many markers will go into each bin?</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;"> <tr> <td style="text-align: center;"><u>Set</u></td> <td style="text-align: center;"><u>Mean</u></td> <td style="text-align: center;"><u>Mode</u></td> </tr> <tr> <td style="text-align: center;">1, 16, 12, 11, 12, 14</td> <td></td> <td></td> </tr> </table> | <u>Set</u> | <u>Mean</u> | <u>Mode</u> | 1, 16, 12, 11, 12, 14 | | |
| <u>Set</u> | <u>Mean</u> | <u>Mode</u> | | | | | |
| 1, 16, 12, 11, 12, 14 | | | | | | | |
| <p>9. Mr. Myers' barn measures 35 feet by 110 feet. How many square feet are in the barn?</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> | | | | | | |

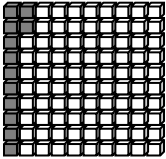
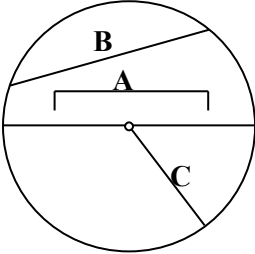
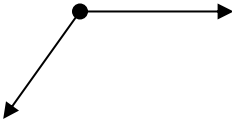
5th Grade Summer Mathematics Review #3

Name: _____

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|--|---|
| <p>1. Solve. Write your answer in lowest terms.</p> $4\frac{3}{8} + 2\frac{1}{8} =$ | <p>2. Jasmine traveled 1,956 miles last summer. She traveled 12 times as many miles as Tyrone during the same summer. How many miles did Tyrone travel?</p> |
| <p>3. How many lines of symmetry does an equilateral triangle have?</p> | <p>4. Coach Higgins jogged $1\frac{7}{8}$ miles on Monday, $3\frac{5}{6}$ miles on Tuesday, and $5\frac{1}{4}$ 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. Six children will share a bag of candy containing 29 pieces. About how many pieces of candy will each child get?</p> |

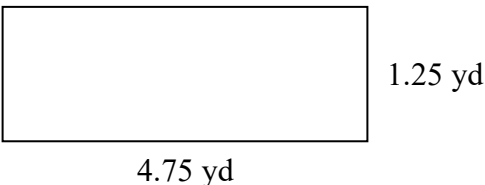
5th Grade Summer Mathematics Review #4

Name: _____

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|---|---|
| <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;">$9.848 \div 8 =$</p> |
| <p>5.</p>  <p>What part of the square is shaded? _____</p> <p>What part is not shaded? _____</p> | <p>6. Find the missing divisor.</p> <p style="text-align: center;">$4,644 \div n = 36$</p> |
| <p>7. Identify the parts of the circle.</p> <p>Match</p> <p>chord A</p> <p>diameter B</p> <p>radius C</p>  | <p>8.</p> <p style="text-align: center;">$2.8 \times 0.02 =$</p> |
| <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>  |


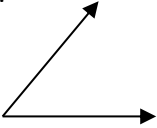
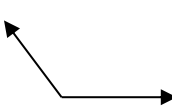
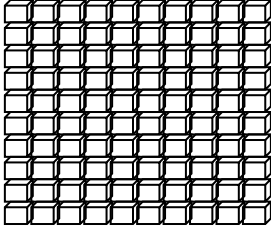
5th Grade Summer Mathematics Review #5

Name: _____

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|--|--|-----------|----------|-----------|----------|-----|-----|-----|-----|
| <p>1. Choose >, <, or =.</p> <p style="text-align: center;">23.932 _____ 23.93</p> | <p>2. Which unit of measurement would you use to estimate each of the following? Use metric or customary systems.</p> <p>a. your height</p> <p>b. your weight</p> | | | | | | | | |
| <p>3. Multiply.</p> $\begin{array}{r} 0.43 \\ \times 0.5 \\ \hline \end{array}$ | <p>4. Jim bought 5 pounds of hamburger. He put $2\frac{3}{4}$ pounds in the freezer and used the rest for supper.</p> <p style="text-align: center;">How much did he use for supper?</p> | | | | | | | | |
| <p>5. What is the perimeter of this rectangle?</p> <div style="text-align: center; margin: 10px 0;">  </div> | <p>6. Solve.</p> $28 \overline{)223}$ | | | | | | | | |
| <p>7. Draw a right angle. Label the $\angle ABC$.</p> | <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Monday</td> <td style="padding: 5px;">Tuesday</td> <td style="padding: 5px;">Wednesday</td> <td style="padding: 5px;">Thursday</td> </tr> <tr> <td style="padding: 5px;">86°</td> <td style="padding: 5px;">91°</td> <td style="padding: 5px;">85°</td> <td style="padding: 5px;">82°</td> </tr> </table> <p>What was the mean (average) temperature for the four days?</p> | Monday | Tuesday | Wednesday | Thursday | 86° | 91° | 85° | 82° |
| Monday | Tuesday | Wednesday | Thursday | | | | | | |
| 86° | 91° | 85° | 82° | | | | | | |
| <p>9. Continue this pattern.</p> <p style="text-align: center;">4, 9, 16, 25, _____, _____, _____</p> | <p>10.</p> <p style="text-align: center;">$4.8 - 3.927 = \underline{\hspace{2cm}}$</p> | | | | | | | | |

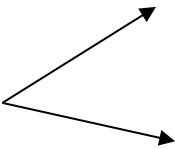
5th Grade Summer Mathematics Review #6

Name: _____

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|---|---|
| <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.</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. There are 3,220 cars parked at Nationals stadium. The cars are divided evenly among each of the 28 sections of the parking lot. How many cars are parked in each section?</p> |

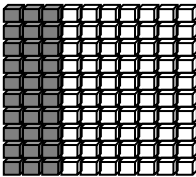
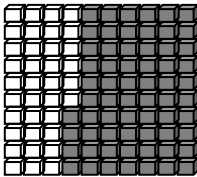
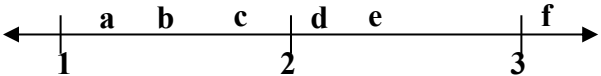
5th Grade Summer Mathematics Review #7

Name: _____

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|---|---|
| <p>1. Draw an angle measuring 100 degrees . Label the $\angle ABC$. 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 n 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> <div style="text-align: center;">  </div> |
| <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 $3\frac{3}{4}$ hours.</p> <p>What time did she stop?</p> |
| <p>9. Write the next three numbers in the sequence.</p> <p>4, 5, 7, 10, _____, _____, _____</p> | <p>10. Find the mean (average) of these numbers:</p> <p style="text-align: center;">152, 454, 202, 99</p> |

5th Grade Summer Mathematics Review #8

Name: _____

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| <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> <p style="text-align: center;">$0.236 \div 4 =$</p> |
| <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> <p style="text-align: center;">$8 - 3\frac{3}{4} =$</p> |
| <p>5. Mr. Suarez wanted to carpet his living room. Does he need to find the perimeter or area of the room? 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 style="text-align: center;">  <p>_____</p> </div> <div style="text-align: center;">  <p>_____</p> </div> </div> |
| <p>7. Kelly has 2 pairs of pants and 3 shirts that can all be worn together. How many different outfits consisting of a pair of pants and a shirt does she have?</p> | <p>8. Bill has 29 pencils to share fairly with 6 friends. How many pencils will each friend receive?</p> |
| <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: 10px;">  </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> |

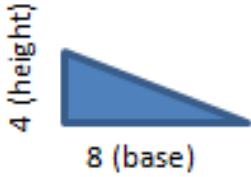
5th Grade Summer Mathematics Review #9

Name: _____

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| <p>1. Order from least to greatest.</p> <p style="text-align: center;">5.9 5.89 5.809 5.8910 5.8</p> | <p>2. Estimate by rounding to the underlined place and multiply.</p> $\begin{array}{r} \underline{3}37 \\ \times \quad 5 \\ \hline \end{array}$ |
| <p>3. Kenmore Middle School purchased 250 tickets for a 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 style="margin-left: 40px;">a. tons b. yards c. gallons d. ounces</p> |
| <p>7. Solve:</p> $4 \times 5 + 16 \div 4 - 5 = \underline{\hspace{2cm}}$ | <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> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="text-align: center;">● 1</div> <div style="text-align: center;">● ● ● 3</div> <div style="text-align: center;">● ● ● ● ● ● 6</div> <div style="text-align: center;">● ● ● ● ● ● ● ● ● ● ● ● 10</div> </div> | <p>10. Using this data, find the mean and the mode.</p> <p style="text-align: center;">100 73 82 85 82 96 91</p> <p>Mean _____</p> <p>Mode _____</p> |


5th Grade Summer Mathematics Review #10

Name: _____

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|--|---|----------------------|----------------------|----------|--------|-------|----------|------------|---------|-------|------|----------------------|----------------------|----------------------|----------|--|
| <p>1. Choose >, <, or =.</p> <p style="text-align: center;">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-left: auto; margin-right: auto;"> <tr> <td style="background-color: #cccccc;">length</td> <td>15 ft.</td> <td>12 in.</td> <td>C</td> <td>38 ft.</td> </tr> <tr> <td style="background-color: #cccccc;">width</td> <td>A</td> <td>B.</td> <td>18 yd..</td> <td>4 ft.</td> </tr> <tr> <td style="background-color: #cccccc;">area</td> <td>225 ft.²</td> <td>132 in.²</td> <td>324 yd.²</td> <td>D</td> </tr> </table> | length | 15 ft. | 12 in. | C | 38 ft. | width | A | B . | 18 yd.. | 4 ft. | area | 225 ft. ² | 132 in. ² | 324 yd. ² | D | <p>4. Round each factor to the nearest whole number and multiply.</p> $\begin{array}{r} 8.2 \\ \underline{ 3.4} \\ \end{array}$ |
| length | 15 ft. | 12 in. | C | 38 ft. | | | | | | | | | | | | |
| width | A | B . | 18 yd.. | 4 ft. | | | | | | | | | | | | |
| area | 225 ft. ² | 132 in. ² | 324 yd. ² | D | | | | | | | | | | | | |
| <p>5. A circle has a diameter of 18 inches. Its' radius measures _____.</p> | <p>6. Solve for n.</p> $2\frac{3}{5} - 1\frac{8}{10} = n$ | | | | | | | | | | | | | | | |
| <p>7. What unit of measurement would you choose to measure the following?</p> <p>inches ounces feet pounds tons</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. What is the area of this triangle?</p>  <p style="margin-left: 20px;">4 (height)</p> <p style="margin-left: 20px;">8 (base)</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**

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| <p style="text-align: center;">Review #1</p> <p>1. 14 2. a. > b. < 3. See student work 4. 1.395 5. 2,400</p> <p>6. 28 square feet 7. a. 3:55 b. 7:40 8. Perimeter, 68 in. 9. $\frac{6}{6} = 1$ 10. answers will vary</p> | <p style="text-align: center;">Review #6</p> <p>1. 68.116 2. \$61 3. a. 3/20 b. 7/20 4. a. right b. acute c. obtuse 5. </p> <p>6. 4 7. 102.9 8. 400 sq. ft. 9. 2 10. 115 cars</p> |
| <p style="text-align: center;">Review #2</p> <p>1. a. thousandths b. hundredths c. ten thousands 2. 11 years old 3. 7.107 4. 612 dozen 5. 86</p> <p>6. 90, right 7. 66 yards 8. Mean: 11, mode: 12 9. 3,850 square feet 10. no, not same size and shape</p> | <p style="text-align: center;">Review #7</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</p> <p>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 style="text-align: center;">Review #3</p> <p>1. 6½ 2. 163 miles 3. 3 4. 10 5. 84 $\frac{23}{24}$ inches</p> <p>6. 107,219,443 (doubles and adds 5) 7. 6 hours and 20 minutes 8. 78 r5 or 78 5/42 or 78.12 9. 14 cm 10. About 5 pieces of candy</p> | <p style="text-align: center;">Review #8</p> <p>1. 48 ÷ 8 = 6 2. 0.059 3. graphs will vary (a bar graph is appropriate) 4. 4¼ 5. area, check reasoning</p> <p>6. a. 0.3 or 0.30 b. 0.64 7. 6 outfits 8. 4 with some left over 9. c 10. obtuse</p> |
| <p style="text-align: center;">Review #4</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. 0.12; 0.88</p> <p>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 style="text-align: center;">Review #9</p> <p>1. 5.8, 5.809, 5.89, 5.8910, 5.9 2. 1,500 3. \$2,125 4. 42 x 7 = y 5. 2:15 p.m.</p> <p>6. tons 7. 19 8. 0.024 9. 15, 21, 28 10. mean = 87, mode = 82</p> |
| <p style="text-align: center;">Review #5</p> <p>1. > 2. a. cm, ft or in b. kg or lbs. 3. 0.215 4. 2¼ pounds 5. 12 yards</p> <p>6. 7 r27 or 7 27/28 or 7.96 7. See student work 8. 86° 9. 36, 49, 64 10. 0.873</p> | <p style="text-align: center;">Review #10</p> <p>1. < 2. 10.9 m 3. a. 15 ft. b. 11 in. c. 18 yd. d. 152 ft² 4. 24 5. 9 in.</p> <p>6. 4/5 7. a. in b. lbs. c. tons d. oz. 8. 27 – 12.2 = y 9. 16 10. 87.7% or 88%</p> |