

3rd Grade Summer Mathematics Review #1

Name: _____

<p>1. Find the missing factor.</p> <div style="margin-left: 40px;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: inline-block; margin-right: 10px;"></div> $\times 2 = 3 \times 4$ </div>	<p>2. Brooke had 145 marbles. She gave 26 marbles to Joe. How many marbles does Brooke have now?</p>
<p>3. Sue had 214 sheets of paper. Alex gave her 95 more sheets of paper. How many sheets of paper does Sue have altogether? Please show your thinking.</p>	<p>4. Pablo has \$0.85. Miguel has \$0.65 and Maria has \$0.55. How much money do they have altogether?</p>
<p>5. Compare using > or <.</p> <div style="margin-left: 100px; margin-top: 20px;"> $7,400 \quad \underline{\hspace{2cm}} \quad 7,398$ </div>	<p>6. Use the information below to make a bar graph. Include a title and labels.</p> <p style="margin-left: 40px;">At PE on Wednesday, 4 classes played soccer, 5 played basketball, 6 played football, and 2 played hockey.</p> <p style="margin-left: 40px;">Construct the graph on another sheet of paper.</p>
<p>7. Round each number to the nearest hundred.</p> <div style="margin-left: 40px; margin-top: 20px;"> $3,765 \quad \underline{\hspace{2cm}}$ $415 \quad \underline{\hspace{2cm}}$ $1,109 \quad \underline{\hspace{2cm}}$ </div>	<p>8. What equation is shown on the number line?</p> <div style="text-align: center; margin: 10px 0;"> </div> <p>Equation: _____</p>
<p>9. Draw an example of an octagon.</p>	<p>10. Extend the pattern.</p> <div style="margin-left: 40px; margin-top: 10px;"> $\bigcirc \bigcirc \square \square \bigcirc \bigcirc \square \square \square \bigcirc \bigcirc \underline{\hspace{1cm}} \underline{\hspace{1cm}} \underline{\hspace{1cm}} \underline{\hspace{1cm}}$ </div> <p style="margin-left: 40px;">Describe the pattern.</p>

3rd Grade Summer Mathematics Review #2

Name: _____

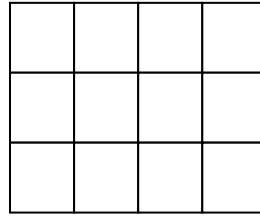
1. Complete the table.

Cold lunch	1	2	3	4			
Hot lunch	3	6					

In the cafeteria, 3 hot lunches are sold for each cold lunch sold. How many hot lunches are sold when 6 cold lunches are sold?

2. Count the number of square units.

Record your answer. _____ square units



3.

764,238

What digit is in the hundred thousands place?

4.

Crab	*	*	*			
Shrimp	*	*	*	*	*	*
Clams	*	*	*	*		

Favorite
Seafood

Each * counts as 2.

How many more people like shrimp than clams?

5.

There are 29 boys and 36 girls in the third grade at Campbell. How many boys and girls are in third grade in all?

6.

Find out how much change you will get from \$5.00.

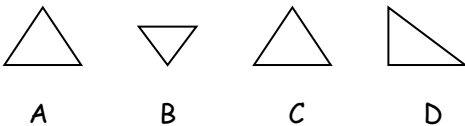
Change

a. a pencil that costs 75¢

b. a crayon box for 82¢

7.

Circle the two congruent figures.



8.

Solve:

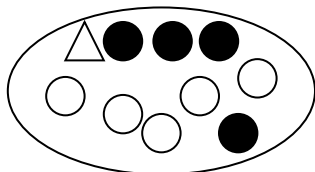
a.
$$\begin{array}{r} 37 \\ 68 \\ + 26 \\ \hline \end{array}$$

b. $4,071 - 1,963 = \underline{\hspace{2cm}}$

9.

Circle one answer choice.
The likelihood of choosing a \triangle from the bag of shapes without looking is –

Impossible Unlikely Likely Certain



Explain why.


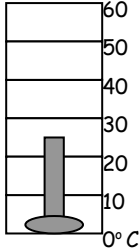
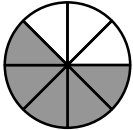

10.

Circle the answers below that are equal amounts of time:

- a. 1 year
- b. 12 weeks
- c. 365 or 366 days
- d. 12 months

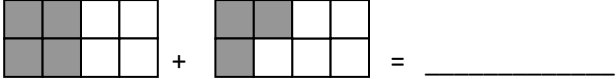
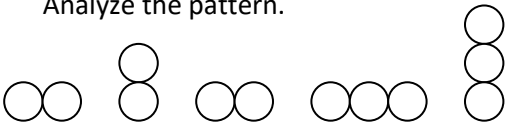
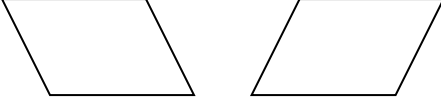

3rd Grade Summer Mathematics Review #3

Name: _____

<p>1. Solve:</p> <p style="text-align: center;">$10 \times 8 =$</p>	<p>2. Measure the perimeter of the polygon in centimeters. (Hint – use your ruler)</p> <div style="text-align: center; margin-top: 20px;">  </div>
<p>3. Define polygon.</p>	<p>4. Greg had some books in his library. Kwami gives his 95 more books. Now Greg has 309 books. How many books did Greg have to start with?</p>
<p>5. Round to the nearest hundred.</p> <p style="text-align: center;">7,055</p> <p style="text-align: center;">_____</p>	<p>6. The thermometer is shaded to show _____ degrees Celsius.</p> <div style="text-align: center; margin-top: 10px;">  </div>
<p>7. Write a fraction for the shaded part.</p> <p>a.  _____</p> <p>b.  _____</p>	<p>8. Draw a line. Label it AB.</p>
<p>9. There are 65 fourth graders at Ashlawn. Twenty-nine of the students are boys and the rest are girls. How many girls are in fourth grade?</p>	<p>10. Leila and her friends collected objects they found at the beach. They found 15 rocks, 9 starfish, and 24 shells. Construct a pictograph on another piece of paper using this information. Include a title and labels.</p>

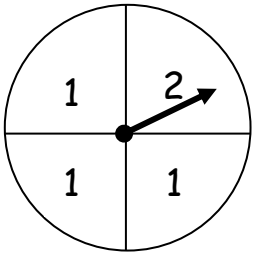
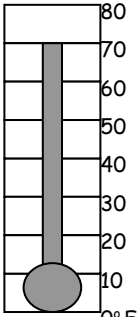
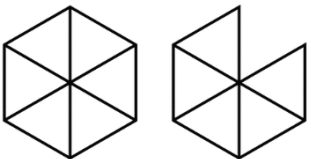
3rd Grade Summer Mathematics Review #4

Name: _____

<p>1. Write a subtraction problem using the numbers in this addition problem.</p> <p align="center">$45 + 129 = 174$</p>	<p>2. Find 2 objects in your apartment or house that you estimate to be:</p> <p align="right">Name of object</p> <p>a. 5 cm long _____</p> <p>b. 20 cm long _____</p> <p align="center">Use a ruler to check your estimate.</p>
<p>3. Find the sum using the shaded parts of the rectangles.</p> <p align="center">  </p>	<p>4. Solve.</p> <p align="center">36 months = _____ years</p> <p align="center">120 minutes = _____ hours</p>
<p>5. Analyze the pattern.</p> <p align="center">  </p> <p align="center">Create a similar pattern using a <input type="checkbox"/> on the back.</p>	<p>6. Are these figures congruent?</p> <p align="center">  </p> <p align="center">Explain your answer.</p>
<p>7. When a coin is tossed, it will:</p> <p>Choose one.</p> <p>a. Have a greater chance of landing on heads.</p> <p>b. Have an equal chance of landing on heads or tails.</p> <p>c. Have a greater chance of landing on tails.</p>	<p>8. Draw an example of a shape with more than 5 sides but less than 9 sides.</p>
<p>9. Which fraction is larger?</p> <p align="center">$\frac{1}{3}$ or $\frac{1}{4}$</p> <ul style="list-style-type: none"> Draw pictures to show the fractions. Circle the larger fraction. 	<p>10. How much is this money worth? _____</p> <p align="center">  </p>

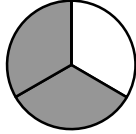
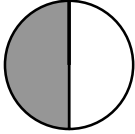
3rd Grade Summer Mathematics Review #5

Name: _____

<p>1. Round to the nearest ten:</p> <p style="text-align: center;">2,084</p> <p style="text-align: center;">_____</p>	<p>2.</p> <p>There are 65 students in the fifth grade at Jamestown. Some of the students are boys and some are girls. How many students could be boys and how many could be girls? Give one possible combination.</p>												
<p>3.</p> <p>Ms. Everdale has 196 books in her classroom library. Ms. Umila has 129 more books than Ms. Everdale. How many books does Ms. Umila have?</p>	<p>4. Draw two shapes that are noncongruent.</p>												
<p>5.</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <p>If you used this spinner, which number has the highest probability of occurring? _____</p> <p>Why? _____</p> </div> </div>	<p>6. What temperature does this thermometer show?</p> 												
<p>7. If a hexagon represents one whole, write the mixed number represented by the model.</p> <div style="display: flex; align-items: center; margin-top: 20px;">  <div style="margin-left: 20px;"> <p>_____</p> </div> </div>	<p>8.</p> <p style="text-align: center;">$9,455 - 637 = \underline{\hspace{2cm}}$</p>												
<p>9. Draw a line segment.</p>	<p>10. Read the chart below. What is the favorite snack of the class?</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #333; color: white;"> <th>Snack</th> <th>Students' Favorite Snack</th> </tr> </thead> <tbody> <tr> <td>Apple</td> <td>5</td> </tr> <tr> <td>Popcorn</td> <td>10</td> </tr> <tr> <td>Candy</td> <td>1</td> </tr> <tr> <td>Carrots</td> <td>8</td> </tr> <tr> <td>Pudding</td> <td>6</td> </tr> </tbody> </table> <p style="margin-top: 10px;">Favorite snack: _____</p>	Snack	Students' Favorite Snack	Apple	5	Popcorn	10	Candy	1	Carrots	8	Pudding	6
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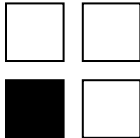

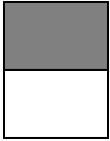
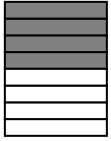
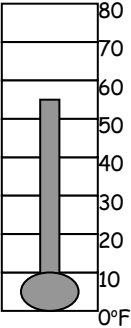
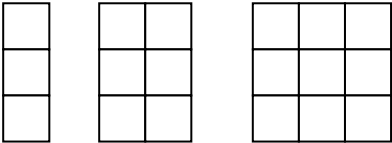
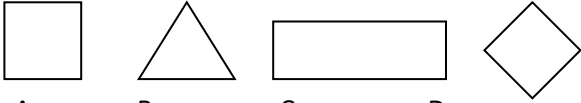
3rd Grade Summer Mathematics Review #6

Name: _____

<p>1. Ashley drew stripes on a card using this pattern: red, blue, green, red, blue, green. What color was the 10th stripe?</p>	<p>2. Compare. Write < or > in the box.</p> <div style="text-align: center;">  $\frac{2}{3}$ $\frac{1}{2}$  </div> <p>Explain your answer.</p>																		
<p>3. There are 5 boxes of markers. Each box contains 6 markers. How many markers are there in all?</p>	<p>4.</p> <p style="text-align: center;">$5 \times \underline{\hspace{2cm}} = 45$</p>																		
<p>5. Write the following number in standard form:</p> <p style="text-align: center;">Fifty thousand fourteen.</p> <p style="text-align: center;">_____</p>	<p>6. Which time period is longer?</p> <p style="text-align: center;">38 days or 2 months</p> <p>Show how you know.</p>																		
<p>7. How many batteries are needed for 4 flashlights? _____</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;">Flashlights</td> <td style="padding: 5px;">1</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Batteries</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">4</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> </table>	Flashlights	1	2			Batteries	2	4			<p>8. Draw a square and shade $\frac{1}{4}$ of the square.</p>								
Flashlights	1	2																	
Batteries	2	4																	
<p>9. Jasmine ran 12 miles. Tyrone ran 3 miles. How many times more miles did Jasmine run than Tyrone?</p>	<p>10. A. Which animal listed has 2 times as many teeth as a beaver?</p> <p style="text-align: center;">_____</p> <p>B. Which animal has half as many teeth as a horse?</p> <p style="text-align: center;">_____</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: black; color: white;"> <th colspan="2">Number of Teeth of Some Animals</th> </tr> <tr> <th style="padding: 5px;">Animal</th> <th style="padding: 5px;">Teeth</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">Anteater</td><td style="padding: 5px;">52</td></tr> <tr><td style="padding: 5px;">Beaver</td><td style="padding: 5px;">20</td></tr> <tr><td style="padding: 5px;">Cat</td><td style="padding: 5px;">30</td></tr> <tr><td style="padding: 5px;">Dog</td><td style="padding: 5px;">42</td></tr> <tr><td style="padding: 5px;">Horse</td><td style="padding: 5px;">44</td></tr> <tr><td style="padding: 5px;">Raccoon</td><td style="padding: 5px;">40</td></tr> <tr><td style="padding: 5px;">Squirrel</td><td style="padding: 5px;">22</td></tr> </tbody> </table>	Number of Teeth of Some Animals		Animal	Teeth	Anteater	52	Beaver	20	Cat	30	Dog	42	Horse	44	Raccoon	40	Squirrel	22
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3rd Grade Summer Mathematics Review #8

Name: _____

<p>1. Mason Peak is 3,187 feet high. Mt. Jefferson is 3,199 feet.</p> <p>A. Which mountain is higher? _____</p> <p>B. How much higher? _____</p>	<p>2. Write the fraction for the shaded part.</p> <p>A. </p> <p>B. </p>
<p>3. Write the equivalent fractions.</p> <div style="text-align: center; margin: 10px 0;">  =  </div> <p style="text-align: center;">_____ _____</p>	<p>4. Estimate the difference. Then find the actual difference.</p> <p style="text-align: center; margin: 10px 0;">$956 - 721 =$ _____</p> <p>Estimate: _____</p> <p>Actual: _____</p>
<p>5. What temperature does the thermometer show?</p> <div style="text-align: center; margin: 10px 0;">  </div>	<p>6. Look for a pattern. Draw the next figure in the pattern.</p> <div style="text-align: center; margin: 10px 0;">  </div>
<p>7. There were 3 baseball teams competing at the field. Each team had 9 baseball players. How many baseball players were there altogether?</p>	<p>8. Solve.</p> <p style="text-align: center; margin: 10px 0;">$5,309 + 2,330 =$ _____</p>
<p>9. </p> <p style="text-align: center;">A B C D</p> <p>1. Which figures have right angles? _____</p> <p>2. What is the name of the figure that has 3 sides and 3 vertices? _____</p> <p>3. Which figures are rectangles? _____</p>	<p>10. Complete the pattern.</p> <p style="text-align: center; margin: 10px 0;">32, 30, 28, _____, _____, _____</p> <p style="text-align: center; margin: 10px 0;">56, 60, 64, _____, _____, _____</p>

3rd Grade Summer Mathematics Review #9

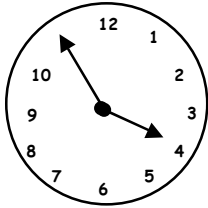
Name: _____

1. Complete the chart to solve. Mr. Keeting needs three feet of lumber to make a border for each flowerbed. If he has 5 flowerbeds, how many feet of lumber does he need?

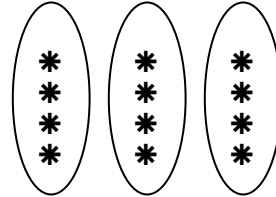
Flower beds	1	2			
Lumber (feet)	3	6			

2. Solve.
- a. _____ + 16 = 20
- b. 12 - _____ = 5
- c. 7 x _____ = 21
- d. _____ ÷ 4 = 6

3. What time will it be in 10 minutes?



4. Solve.



What is $\frac{1}{3}$ of 12 = _____

5. If 20 markers are placed into boxes with each box containing 4 markers, how many boxes can be filled?

6. Ms. Hall has 129 fewer books than Ms. Swift. Ms. Swift has 235 books. How many books does Ms. Hall have?

7. Write this number in standard form:
- Two hundred fifty-two thousand, four hundred fifty-five

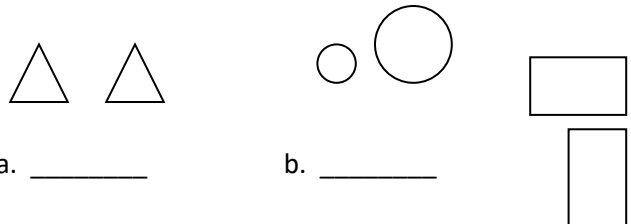
8. It is May. James' birthday is five months from now.
- About how many days is five months?
- _____

9. Measure the length of your shoe using inches and centimeters.

_____ inches

_____ centimeters

10. Are the figures congruent? Write yes or no.



a. _____

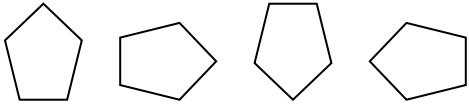
b. _____

c. _____

3rd Grade Summer Mathematics Review #10

Name: _____

1. Draw the next shape in this pattern.



2. Complete the table.

In	16	32	24	
Out	2	4		5

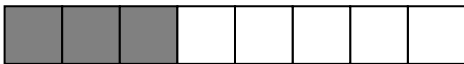
3. 7 days = _____ week(s)

3 minutes = _____ seconds

4. Write this comparison in words.

$$385 > 372$$

5. Write the fraction of the shaded area.



6. Estimate your answer by rounding each number to the nearest hundred.

$$\begin{array}{r} 542 \\ + 155 \\ \hline \end{array}$$

7. Julie went to a movie that started at 12:30pm. It finished at 3:00pm. How long did the movie last?

8. Greg went to the diner and bought a sandwich that cost \$2.79, chips that cost \$0.55, and a glass of milk that cost \$1.15. He paid with a \$5.00 bill. How much change did he get back?

9. Find the sum.



+



$$\frac{2}{10}$$

+


$$\frac{\quad}{10} = \frac{\quad}{10}$$

10. Solve.

$$\frac{8}{10} - \frac{3}{10} =$$

Draw a picture to explain your answer.

Third Grade Mathematics Summer Review ANSWER KEY

<p style="text-align: center;">Review #1</p> <p>1. 6 2. 119 3. 309 4. \$2.05 5. ></p> <p>6. See student work 7. 3,800; 400; 1,100 8. $3 \times 4 = 12$ 9. See student work 10. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p style="text-align: center;">Growing; Squares increase by one</p>	<p style="text-align: center;">Review #6</p> <p>1. red 2. $\frac{2}{3} > \frac{1}{2}$ 3. 30 4. 7 5. 50,014</p> <p>6. 2 months, see student work 7. 8 8. See student work 9. 4 10. a) raccoon b) squirrel</p>
<p style="text-align: center;">Review #2</p> <p>1. 18 hot lunches, check table 2. 12 square units 3. 7 4. 4 people 5. 65</p> <p>6. a) \$4.25 b) \$4.18 7. A and C 8. a) 131 b) 2,108 9. Unlikely because there is only one triangle out of ten objects 10. a, c, d</p>	<p style="text-align: center;">Review #7</p> <p>1. $\frac{4}{7}$ 2. No, he only has 42¢ 3. 800 4. 7 5. 14, 7, 0, decreases by 7</p> <p>6. ÷ 7. > 8. \$2.61 9. See student work 10. See student work</p>
<p style="text-align: center;">Review #3</p> <p>1. 80 2. 12 cm ($4+4+2+2$) 3. See student work 4. 404 5. 7,100</p> <p>6. 25°C 7. a) $\frac{5}{8}$ b) $\frac{2}{6}$ or $\frac{1}{3}$ 8. See student work 9. 36 girls 10. See student work</p>	<p style="text-align: center;">Review #8</p> <p>1. Mt. Jeff., 12 ft. 2. a) $\frac{1}{4}$, b) $\frac{2}{5}$ 3. $\frac{1}{2} = \frac{4}{8}$ 4. 300 (answers may vary), 235 5. 55°F</p> <p>6. 3×4 7. 27 players 8. 7,639 9. 1) a, c, d 2) triangle, 3) a, c, d 10. a) 26, 24, 22 b) 68, 72, 76</p>
<p style="text-align: center;">Review #4</p> <p>1. $174 - 45 = 129$ or $174 - 129 = 45$ 2. See student work 3. $\frac{4}{8} + \frac{3}{8} = \frac{7}{8}$ 4. 3, 2 5. See student work</p> <p>6. Yes. Same shape and size 7. b 8. See student work 9. $\frac{1}{3}$, see student work 10. \$3.30</p>	<p style="text-align: center;">Review #9</p> <p>1. 15 ft., check chart 2. a)4, b)7, c)3 d)24 3. 4:05 4. 4 5. 5</p> <p>6. 106 7. 252,455 8. Approximately 150 days 9. See student work 10. a) yes b) no c) yes</p>
<p style="text-align: center;">Review #5</p> <p>1. 2,080 2. See student work 3. 325 4. See student work 5. 1, more ones than any other number</p> <p>6. 70°F 7. $1\frac{5}{6}$ 8. 8,818 9. ●————● See student work 10. Popcorn</p>	<p style="text-align: center;">Review #10</p> <p>1.  rotate 90° clockwise 2. 3, 40 3. 1 week, 180 seconds 4. Three hundred eighty five is greater than three hundred seventy two 5. $\frac{3}{8}$</p> <p>6. 700 7. 2 hours, 30 minutes 8. \$0.51 9. $\frac{2}{10} + \frac{4}{10} = \frac{6}{10}$ 10. $\frac{5}{10}$ or $\frac{1}{2}$</p>