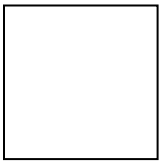
5th Grade Summer Mathematics Review #1

Name:

1. 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?	2. Compare using <, >, or =. a) 0.432 ____ 0.4310 b) 0.199 ____ 0.2
3. Create a word problem for this open statement. $72 \div n = 12$	4. Solve. $3\overline{)4.185}$
5. There are 25 boxes of crayons. Each box contains 96 crayons. How many crayons are there in all?	6. Order from least to greatest. 5.9 5.89 5.809 5.8910 5.8
7. Draw a circle. Draw a diameter and label it AB. Draw a chord and label it CD. Draw a radius and label it EF.	8. Solve. $8 - 3\frac{3}{4} =$
9. Add. $\frac{1}{3} + \frac{4}{6} =$ Write the answer in lowest terms.	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.

5th Grade Summer Mathematics Review #2

Name:

1. Name the **place** of the underlined digit. a. 3.42**6**8 _____ b. 79.5**4**13 _____ c. 7**0**4, 582 _____	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?
3. Find the product. 3.09 x 2.3= _____	4. Ms. James collected 7,344 eggs from her hen house. How many dozen eggs did she gather?
5. If 2,150 markers are divided equally among 25 bins, how many markers will go into each bin?	6. The angle at the corner of a square measures _____ degrees and is called a _____ angle. 
7. Every day, Jason spends 42 minutes reading. Write equation to show how much time he spends reading in a week.	8. Find the quotient. $2\overline{)0.048}$
9. Round each factor to the nearest whole number and multiply. 8.2 x 3.4	10. Is figure A congruent to figure B? Explain your answer. **A**  **B** 

5th Grade Summer Mathematics Review #3

Name:

1. Solve. Write your answer in lowest terms. $4\frac{3}{8} + 2\frac{1}{8} =$	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?
3. How many lines of symmetry does an equilateral triangle have?	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?
5. Solve: 4 x 5 + 16 ÷ 4 – 5 = _____	6. Complete the pattern. 2, 7, 22, 67, ____, ____, ___ Describe the pattern:
7. 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.	8. Solve. $42\overline{)3{,}281}$ Check your answer using estimation.
9. Use a compass and a ruler. Draw a circle with a radius of 7 cm. What is the diameter of the circle?	10. Six children will share a bag of candy containing 29 pieces. About how many pieces of candy will each child get?

5th Grade Summer Mathematics Review #4

Name:

1. In the number 1.093:

a. Which digit is in the hundredths place? ____

b. In which place is the digit 0? _____

2. List the factors of each. Identify each number as prime or composite.

13 54 72

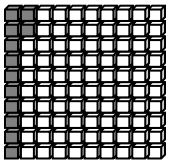
3. Solve for n.

$2\frac{3}{5} - 1\frac{8}{10} = n$

4. Solve.

$9.848 \div 8 =$

5.



What part of the square is shaded? _____

What part is not shaded? _____

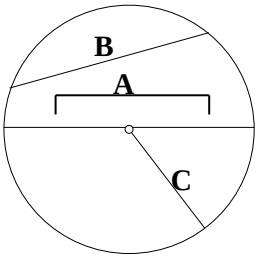
6. Find the missing divisor.

$4{,}644 \div n = 36$

7. Identify the parts of the circle.

Match

chord	A
diameter	B
radius	C



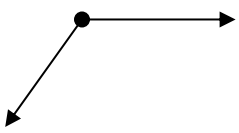
8.

$2.8 \times 0.02 =$

9. **Estimate** by rounding to the underlined place and multiply.

337
x 5

10. Is the angle below a right, acute or obtuse angle? Explain your answer.



5th Grade Summer Mathematics Review #5

Name:

1. Choose >, <, or =. 23.932 _____ 23.93	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?
3. Multiply. 0.43 x 0.5	4. Jim bought 5 pounds of hamburger. He put 2 ¾ pounds in the freezer and used the rest for supper. How much did he use for supper?
5. Choose >, <, or =. 48.02 _____ 48.13	6. Solve. $28\overline{)223}$
7. Draw a right angle. Label the <ABC.	8. A circle has a diameter of 18 inches. What is the measure of its radius?
9. Continue this pattern. 4, 9, 16, 25, ____, ____, ____	10. 4.8 – 3.927 = _____

5th Grade Summer Mathematics Review #6

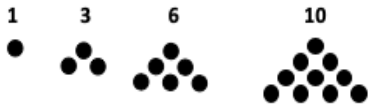
Name:

1. Solve.

106.27 - 38.154 =

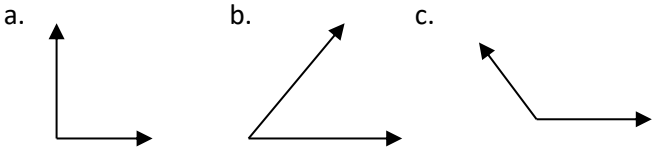
2. $49\overline{)\$2989}$

3. The numbers 1, 3, 6, and 10 are called triangular numbers. What are the next three triangular numbers?



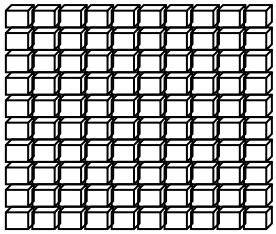
4. Classify the angles as obtuse, acute, or right.

a. b. c.



_____ _____ _____

5. Shade the decimal square to show thirty-three hundredths.



6. A triangle has one angle that measures 47 degrees and another that measures 58 degrees. What is the measure of the third angle?

7. Write as a decimal.

$102\frac{9}{10}$

8. Solve.

6 x 8 + 9 – 6 = _____

9. $9\frac{3}{4} - 7\frac{6}{8} =$

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?

5th Grade Summer Mathematics Review #7

Name:

1. Draw an angle measuring 100 degrees . Label the <ABC. What type of angle did you draw?

2. Ms. Tem likes to run every day. She runs 45 minutes in the morning and 20 minutes after school. How many minutes total does she run in a week?

3.

285 ÷ 94 =

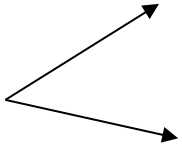
4. Write an equation using n for the unknown and solve.

Mrs. Davis is 3 times as old as her son Joseph. She is 45 years old. How old is Joseph?

5.

$$\begin{array}{r} 8\frac{1}{3} \\ +\ 5\frac{3}{4} \\ \hline \end{array}$$

6. Identify the angle as right, acute or obtuse and explain your reasons



7. Write as a decimal.

one hundred and seven thousandths

_____

8. Which expression is equal to 13?

4 + (2 x 5)	(4 + 2) x 5
4 x (2 + 5)	(4 x 2) + 5

9. Write the next three numbers in the sequence.

4, 5, 7, 10, ____, ____, ____

10. Using four 3s and any operation, how many different answers can you make?

5th Grade Summer Mathematics Review #8

Name:

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.

2. Solve.

   0.236 ÷ 4 =

3. Solve.

   6 x (8 + 3) – 5 = _____

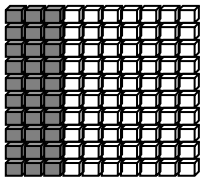
4. Find the difference.

   3.78 – 2.129 = _____

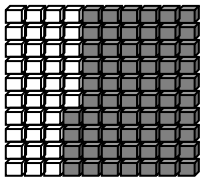
5. Circle ALL of the prime numbers.

51	1	99
93	2	19
45	77	23

6. What decimal is shaded on each square?



_____



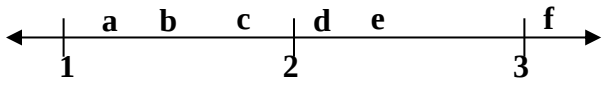
_____

7. Nadia earns $8 an hour working at an ice cream shop. Last week, her paycheck was $72. Write a number sentence that could be used to find *h,* the number of hours Nadia worked.

8. Bill has 29 pencils to share fairly with 6 friends. How many pencils will each friend receive?

9. Write the letter that shows the approximate position of 1.8 on the number line.

   _____



10. Write an expression that shows 'the difference of 36 and a number.'

Fifth Grade Mathematics Summer Review

ANSWER KEY

Review #1

1. $2,125	2. >, <
3. Check student work	4. 1.395
5. 2,400 crayons	6. 5.8, 5.809, 5.89, 5.8910, 5.9
7. Check student work	8. 4 ¼
9. 1	10. Check student work

Review #2

1. Thousandth, hundredth, ten thousands	2. 11 years old
3. 7.107	4. 612 dozen eggs
5. 86 markers per bin	6. 90, right
7. 42 x 7 = 294	8. 0.024
9. 27.88	10. No; Check student work

Review #3

1. 6 ½	2. 163 miles
3. 3	4. 10 and 23/24 miles
5. 19	6. 202, 607, 1,822; times 3 plus 1
7. 27 – 12.2 = 14.8	8. 78 r 5
9. Check student work	10. About 5

Review #4

1. 9, tenths	2. Check student work
3. N = 4/5	4. 1.231
5. 12 hundredths; 88 hundredths	6. N = 129
7. A = diameter; B = chord; C = radius	8. 0.056
9. 1,500	10. Obtuse (> 90 degrees)

Review #5

1. >	2. 10.9 m
3. 0.215	4. 2 ¼ lbs.
5. <	6. 7 and 27/28
7. Check student work	8. 9 inches
9. 36, 48, 64	10. 0.873

Review #6

1. 68.116	2. $61
3. 15, 21, 28	4. Right, acute, obtuse
5. 33 squares shaded	6. 75 degrees
7. 102.9	8. 51
9. 2	10. 115 cars per section

Review #7

1. Check student work; obtuse	2. 455 minutes
3. 3 r 3	4. 3n = 45; n = 15 years old
5. 14 ½	6. Acute (less than 90 degrees)
7. 100.007	8. (4 x 2) + 5
9. 14, 19, 25	10. Check student work

Review #8

1. 48 divided by 8 = n; n = 6	2. 0.059
3. 61	4. 1.651
5. 2, 19, 23	6. 0.3; 0.64
7. 8n = 72	8. 4 pencils each (5 left over)
9. C	10. 36 - n