3rd Grade Summer Mathematics Review #1

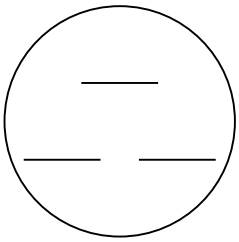
Name:

1. Find the missing factor.

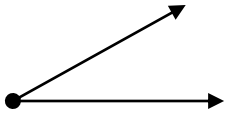
☐ X 2 = 3 x 4

2. Write the three numbers that belong to this **fact family**.

6 + 3 = 9
3 + 6 = 9
9 - 3 = 6
9 - 6 = 3



3. The figure below is an _____.



4. Pablo has $0.85. Miguel has $0.65 and Maria has $0.55. How much money do they have altogether?

5. Compare using > or <.

7,400 _____ 7, 398

6. Use the information below to make a bar graph. Include a title and labels.

At PE on Wednesday, 4 classes played soccer, 5 played basketball, 6 played football, and 2 played hockey.

Construct the graph on another sheet of paper.

7. Round each number to the nearest hundred.

3,765 _____

415 _____

1,109 _____

8. Solve:

$$\begin{array}{r} 76 \\ \times\ 4 \\ \hline \end{array}$$

9. Circle the best weight estimate for each item:

1. a cat	a. 6 ounces	b. 6 pounds
2. a strawberry	a. 1 ounce	b. 1 pound
3. a piano	a. 565 ounces	b. 565 pounds

10. Extend the pattern.

○ ○ □ □ ○ ○ □ □ □ ○ ○ ___ ___ ___ ___

Describe the pattern.

3rd Grade Summer Mathematics Review #2

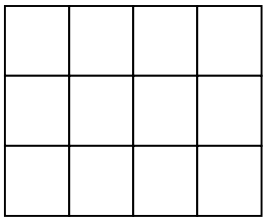
Name:

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 * * * *

Each * counts as 2.

Favorite Seafood

How many more people like shrimp than clams?

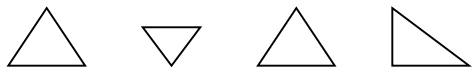
5. □ △ □ △ □ △

Describe the pattern. Then make up one of your own that is similar to the above pattern.

6. Find out how much change you will get from $1.00.

	Change
a. a pencil that costs 75¢	_____
b. a crayon box for 82¢	_____

7. Circle the two congruent figures.



A B C D

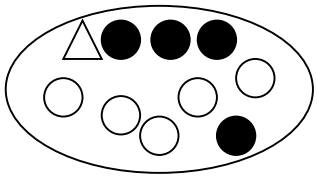
8. Solve:

a.
37
68
+ 26

b. 4,071 - 1,963 =_____

9. Circle one answer choice.
The likelihood of choosing a △ 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:

1. Solve:

   9 x 8 =

2. Measure the perimeter of the polygon in centimeters.
   (Hint – use your ruler)

3. Explain why a square is a special rectangle.

4. A. Draw 12 apples. If each person gets 3 apples, how many people will get apples?

   _____

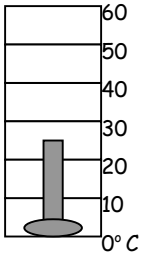
   B. What fraction of the apples will each person get? _____

5. Round to the nearest hundred.

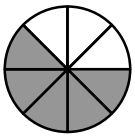
   7,055

   _____

6. The thermometer is shaded to show _____ degrees Celsius.



7. Write a fraction for the shaded part.

   a.  _____

   b.  _____

8. Draw a line. Label it AB.

9. Find the missing digits.

$$\begin{array}{r} 1\ \square\ 3 \\ +\ \square\ 7\ \square \\ \hline 9\ 3\ 1 \end{array}$$

10. Leila and her friends collected objects they found at the beach. They found 15 rocks, 9 starfish, and 24 shells. Construct a bar graph on another piece of paper using this information. Include a title and labels.

3rd Grade Summer Mathematics Review #4

Name:

1. Write a subtraction problem using the numbers in this addition problem.

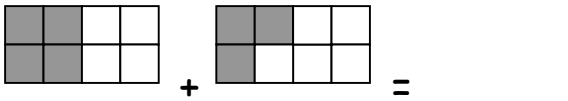
   45 + 129 = 174

2. Find 2 objects in your apartment or house that you estimate to be:

	Name of object
a. 5 cm long	_____
b. 20 cm long	_____

   Use a ruler to check your estimate.

3. Find the sum using the shaded parts of the rectangles.

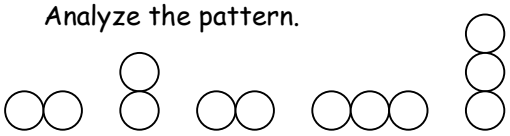
   _____ _____ _____

4. Solve.

   36 months = _____ years

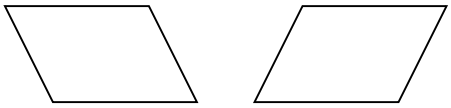
   120 minutes = _____ hours

5. Analyze the pattern.

   Create a similar pattern using a ☐ .

6. Are these figures congruent?

   Explain your answer.

7. When a coin is tossed, it will:

   Choose one.

   a. Have a greater chance of landing on heads.

   b. Have an equal chance of landing on heads or tails.

   c. Have a greater chance of landing on tails.

8. Draw an acute angle.

9. Which fraction is larger?

   1/3 or 1/4

   - Draw pictures to show the fractions.
   - Circle the larger fraction.

10. How much is this money worth? _____

3rd Grade Summer Mathematics Review #5

Name:

1. Round to the nearest ten:

   84

   _____

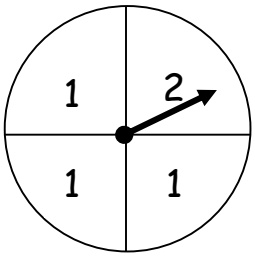
2. Which is an example of the commutative property for addition?

   A. 5 + 3 = 8 + 0
   B. 6 + 7 = 7 + 6
   C. 7 + 7 = 14 x 1

3. Solve:

   16 X 5 =

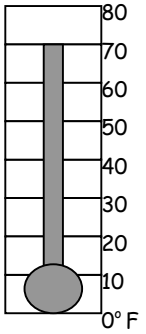
4. Draw two shapes that are congruent.

5. 

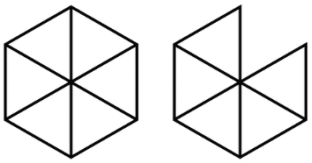
   If you used this spinner, which number has the highest probability of occurring? _____

   Why?_____

6. What temperature does this thermometer show?



7. If a hexagon represents one whole, write the mixed number represented by the model.



   _____

8. 9,455 - 637 = _____

9. Draw a line segment.

10. Read the chart below.
    What is the favorite snack of the class?

Snack	Students' Favorite Snack
Apple	5
Popcorn	10
Candy	1
Carrots	8
Pudding	6

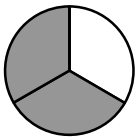
_____

3rd Grade Summer Mathematics Review #6

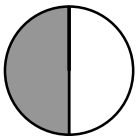
Name:

1. Ashley drew stripes on a card using this pattern: red, blue, green, red, blue, green. What color was the 10th stripe?

2. Compare. Write < or > in the box.



2/3 ☐ 1/2



Explain your answer.

3. Solve:

18 x 7 =

4.

$$7\overline{)49}$$

5. Write the following number in standard form:

Fifty thousand fourteen.

_____

6. Which time period is longer?

38 days or 2 months

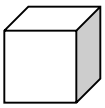
Show how you know.

7. How many batteries are needed for 4 flashlights? _____

Flashlights	1	2		
Batteries	2	4		

8. Draw a square and shade $\frac{1}{4}$ of the square.

9. Name the following figure.



_____

How many corners does it have? _____

How many faces? _____

10. A. Which animal listed has 2 times as many teeth as a beaver?

_____

B. Which animal has half as many teeth as a horse?

_____

Number of Teeth of Some Animals

Animal	Teeth
Anteater	52
Beaver	20
Cat	30
Dog	42
Horse	44
Raccoon	40
Squirrel	22

3rd Grade Summer Mathematics Review #7

Name:

1. Solve

$$\frac{6}{7} - \frac{2}{7} =$$

2. Jacob had these five coins in his pocket:

If milk costs $0.45, does he have enough money in his pocket to buy milk? YES or NO

Explain why or why not _____

3. Round each number to the nearest hundred and then estimate your answer.

112 + 684 =

4. Solve.

$$\begin{array}{r} 41 \\ \times \quad 5 \\ \hline \end{array}$$

5. Fill in the blanks.

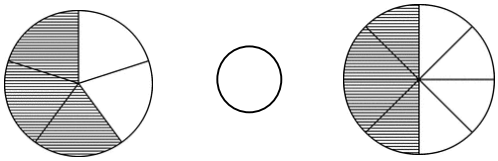
42, 35, 28, 21, _____, _____, _____

Describe the pattern.

6. Use +, -, x, or ÷

24 ____ 4 = 6

7. Compare the fractions. Use <,>, or =



$\frac{3}{5}$ $\frac{4}{8}$

8. Solve.

$5.00 - $2.39 = _____

9. Use the information below to make a bar graph. Include a title and labels.

School lunches sold each day

Monday	26
Tuesday	15
Wednesday	20
Thursday	24
Friday	40

10. Estimate in inches the length of a book in your house. Measure it with a ruler to check your answer.

Estimate: _____

Answer: _____

3rd Grade Summer Mathematics Review #8

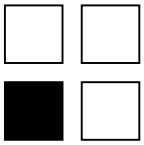
Name:

1. Mason Peak is 3,187 feet high. Mt. Jefferson is 3,199 feet.

   A. Which mountain is higher? _____

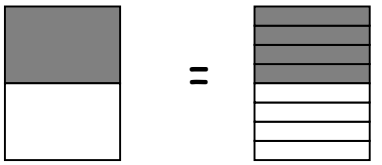
   B. How much higher? _____

2. Write the fraction for the shaded part.

   A. 

   B. 

3. Write the equivalent fractions.

   _____ _____

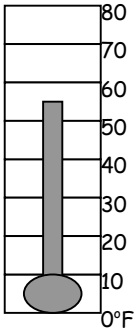
4. Estimate the difference. Then find the actual difference.

   956 - 721= _____

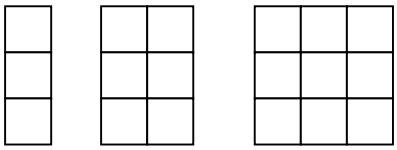
   Estimate: _____

   Actual: _____

5. What temperature does the thermometer show?

6. Look for a pattern. Draw the next figure in the pattern.

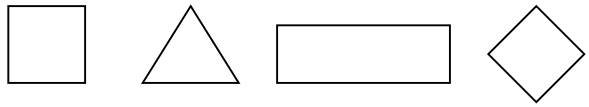
   

7. Use the numbers to write the fact family.

   7, 6, 13

8. Solve.

   A. $8\overline{)32}$ B. $7\overline{)42}$

9. 

   A B C D

   1. Which figures have right angles? _____
   2. What is the name of the figure that has 3 sides and 3 vertices? _____
   3. Which figures are rectangles? _____

10. Complete the pattern.

    32, 30, 28, _____, _____, _____

    56, 60, 64, _____, _____, _____

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.

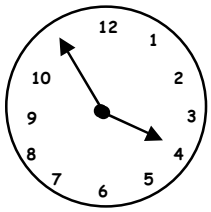
a. _____ + 16 = 20

b. 12 - _____ = 5

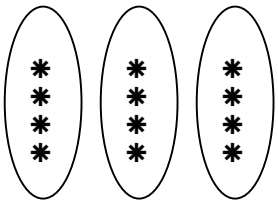
c. 7 x _____ = 21

d. _____ ÷ 4 = 6

3. What time will it be in 10 minutes?



4. Solve.



What is 1/3 of 12 = _____

5. Solve:

a. 98 x 5 =

b.
59
x 4

6. Which is an example of the identity property for multiplication?

A. 5 x 0 = 0
B. 4 x 8 = 8 x 4
C. 12 x 1 = 12

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?

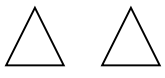
_____

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

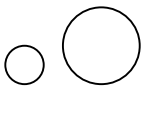
_____ inches

_____ centimeters

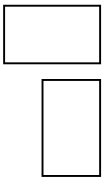
10. Are the figures congruent? Write yes or no.



a. _____



b. _____

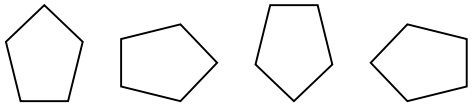


c. _____

3rd Grade Summer Mathematics Review #10

Name:

1. Draw the next shape in this pattern.



Describe the pattern.

2. Complete the table.

In	16	32	24	
Out	2	4		5

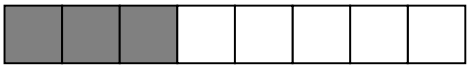
3. 7 days = _____ week(s)

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.

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

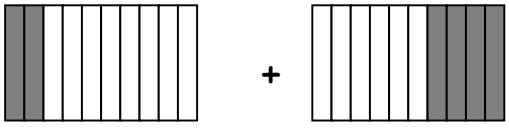
7. Julie went to sleep at 10:30 a.m.
Her sister woke her up at 2:30 p.m.
How long did Julie sleep?

_____

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.



$\frac{2}{10}$ + _____ = _____

10. Solve.

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

Draw a picture to explain your answer.

Third Grade Mathematics Summer Review ANSWER KEY

Review #1

1. 6
2. 3,6,9
3. angle
4. $2.05
5. >
6. See student work
7. 3,800; 400; 1,100
8. 304
9. 1) b, 2) a, 3) b
10. □ □ □ □
    Squares increase by one

Review #2

1. 18 hot lunches, check table
2. 12 square units
3. 7
4. 4 people
5. Check answer
6. a) 25¢ b) 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

Review #3

1. 72
2. 12 cm (4+4+2+2)
3. It is a rectangle because it has 4 right angles. It is special because it also has 4 equal sides.
4. 4 people, 1/4
5. 7,100
6. 25°C
7. a) 5/8 b) 2/6 or 1/3
8. See student work ⟷
9. 153 + 778
10. See student work

Review #4

1. 174 – 45 = 129 or 174 – 129 = 45
2. See student work
3. 4/8 + 3/8 = 7/8
4. 3, 2
5. Check work
6. Yes. Same shape and size
7. b
8. See student work Ex: ∠
9. 1/3, see student work
10. $3.30

Review #5

1. 80
2. B
3. 80
4. See student work
5. 1, more ones than any other number
6. 70°F
7. $1\frac{5}{6}$
8. 8,818
9. ●——● See student work
10. Popcorn

Review #6

1. red
2. 2/3 > 1/2
3. 126
4. 7
5. 50,014
6. 2 months, check answer
7. 8
8. See student work
9. Cube, 8 corners, 6 faces
10. a) raccoon b) squirrel

Review #7

1. 4/7
2. No, he only has 42¢
3. 800
4. 205
5. 14, 7, 0, decreases by 7
6. ÷
7. >
8. $2.61
9. See student work
10. See student work

Review #8

1. Mt. Jeff., 12 ft.
2. a) 1/4, b) 2/5
3. 1/2 = 4/8
4. 300 (answers may vary), 235
5. 55°F
6. 3 x 4 square
7. 7 + 6 = 13, 6 + 7 = 13
   13 – 6 = 7, 13 – 7 = 6
8. a) 4 b) 6
9. 1) a, c, d 2) triangle, 3) a, c, d
10. a) 26, 24, 22
    b) 68, 72, 76

Review #9

1. 15 ft., check chart
2. a)4, b)7, c)3 d)24
3. 4:05
4. 4
5. a) 490 b) 236
6. C
7. 252,455
8. Approximately 150 days
9. See student work
10. a) yes b) no c) yes

Review #10

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. 3/8
6. 700
7. 4 hours
8. $0.51
9. $\frac{2}{10} + \frac{4}{10} = \frac{6}{10}$
10. $\frac{5}{10}$ or $\frac{1}{2}$

Student's Signature (optional) _____ Date _____