



## Summer Math Skills Maintenance

Dear Parents,

Summer is nearly here - hooray! While we look forward to a summer of rest and relaxation, we want to ensure that our students do enough math review and practice to keep their skills sharp for the fall! Rather than assigning the same work to every student, we want to make sure there are options that will work for you and your child(ren), and we've provided a list of options below. So, instead of collecting math practice work next fall, we will be collecting a Math Practice Tracker (see reverse) from each student. Just like a summer reading challenge at the local library, the back of this sheet can be used to track progress. For each day that students spend 15-20 minutes doing math, parents should initial and date one of the 20 shapes. When we return to school, the completed sheet can be turned in for a special treat!

### Required:

MULTIPLICATION TABLES MEMORIZATION! **ALL STUDENTS** IN OUTGOING GRADES 3 AND UP SHOULD HAVE THE 0-12 MULTIPLICATION TABLES *MEMORIZED* BY SEPTEMBER. THERE MAY BE A SCHOOLWIDE PRIZE SPECIFICALLY FOR THIS!!! Multiplication is *fundamental* to more advanced work in math.

### Math Practice Options:

Students in outgoing grades K-7 will receive a hard copy math packet from their current math teacher to complete; this is their primary source for skill review.

For students who finish it and are ready for more – here are some ideas and sources for math practice for all students:

- Flashcards (either printed or online)
- Games (board games and online)
- Review math books - pick one up from Target or even the grocery store!
- Free printable worksheets:
  - a. [Math-Aids.com](http://Math-Aids.com) – answers included
  - b. [math-drills.com](http://math-drills.com) – answers included
  - c. [Webmathminute.com](http://Webmathminute.com)
- Online instruction and practice
  - a. [Khan Academy](http://Khan Academy) – free
  - b. [Khan Academy Kids](http://Khan Academy Kids) – free app with no ads; for children ages 2-8
  - c. [IXL](http://IXL) (\$13-\$20 monthly subscription) – targeted concepts
- Games (A search will yield many results. Here's a small sample.)
  - a. [MathPlayground.com](http://MathPlayground.com) – developed by a teacher; free
  - b. [PuzzlePlayground.com](http://PuzzlePlayground.com) – developed by a teacher; free
  - c. [Primary Games. Math Flashcards](http://Primary Games. Math Flashcards) – free
  - d. [BuzzMath](http://BuzzMath) - free 30-day trial

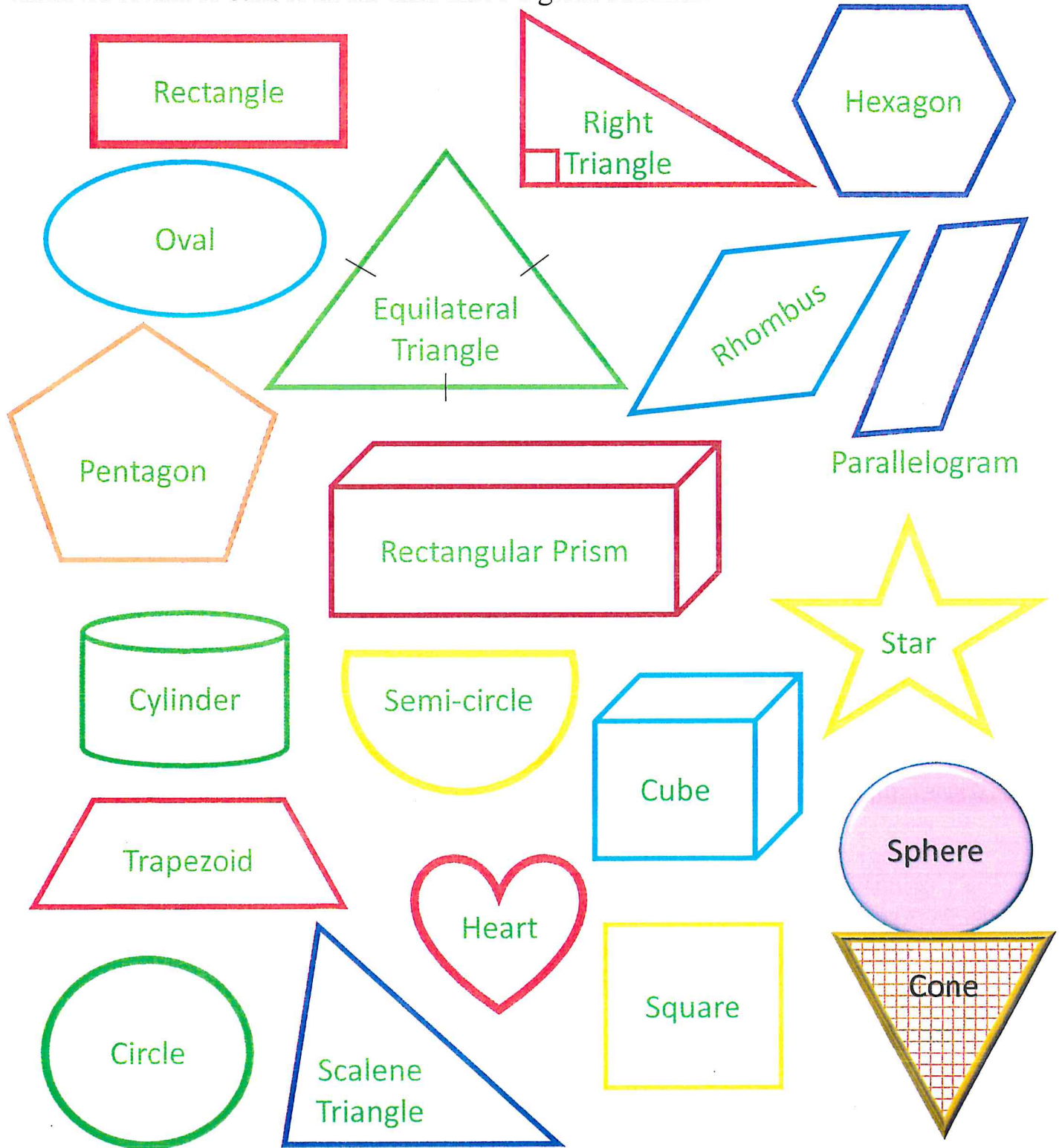
Intentionally incorporating math into daily activities will promote student success in the new school year. Have a wonderful summer!

# St. Rita School Summer Math Practice Tracker

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

Rising to Grade: \_\_\_\_\_

Parents, when your child completes 15-20 minutes of any math activity (ideas are listed on the reverse), initial and date a shape. Work to complete all 20 shapes, ending with the sphere and cone. Students will turn in the fully completed sheet for a treat when we return to school in the fall. Have a great summer!



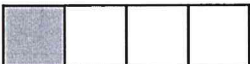

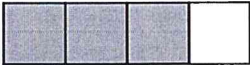

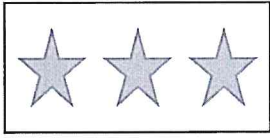
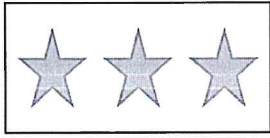
Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Summer Math Review of 3<sup>rd</sup> Grade Recording Sheet

Please record your answers below. Use A, B, C, or D

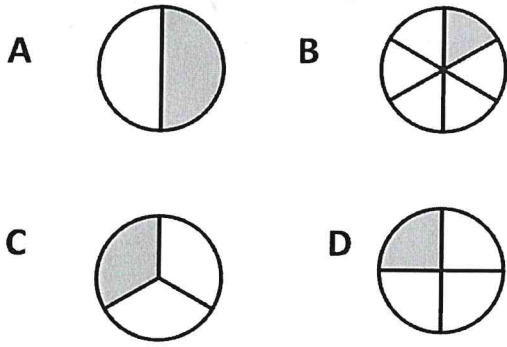
1.	14.	27.	40.
2.	15.	28.	41.
3.	16.	29.	42.
4.	17.	30.	43.
5.	18.	31.	44.
6.	19.	32.	45.
7.	20.	33.	46.
8.	21.	34.	47.
9.	22.	35.	48.
10.	23.	36.	<b>You are done! Enjoy the rest of the summer!</b>
11.	24.	37.	
12.	25.	38.	
13.	26.	39.	

# Summer Math Review of 3rd Grade WEEK I

<p>1. Which number sentence is true?</p> <p>A. <math>3 \times 3 = 8</math></p> <p>B. <math>2 \times 5 = 10</math></p> <p>C. <math>4 \times 2 = 6</math></p> <p>D. <math>5 \times 5 = 20</math></p> <p style="text-align: right;">3.OA.C.7</p>	<p>4.</p> <div style="text-align: center;"> <math display="block">\begin{array}{r} 591 \\ - 65 \\ \hline \end{array}</math> </div> <p>A. 526</p> <p>B. 525</p> <p>C. 536</p> <p>D. 535</p> <p style="text-align: right;">3.NBT.A.2</p>
<p>2. What is 39 rounded to the nearest tens?</p> <p>A. 10</p> <p>B. 20</p> <p>C. 30</p> <p>D. 40</p> <p style="text-align: right;">3.NBT.A.1</p>	<p>5. Jake needs 10 cars and he already has 4. How many more cars does he need?</p> <p>A. 6</p> <p>B. 4</p> <p>C. 2</p> <p>D. 10</p> <p style="text-align: right;">3.OA.D.8</p>
<p>3. Which shape shows <math>\frac{1}{4}</math>?</p> <p>A. </p> <p>B. </p> <p>C. </p> <p>D. </p> <p style="text-align: right;">3.NF.A1</p>	<p>6. Which expression describes the model?</p> <p>A. <math>2 \times 1</math></p> <p>B. <math>3 \times 1</math></p> <p>C. <math>2 \times 3</math></p> <p>D. <math>6 \times 1</math></p> <div style="display: flex; align-items: center; margin-top: 10px;">   </div> <p style="text-align: right;">3.OA.A.1</p>

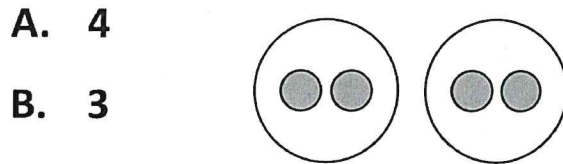
# Summer Math Review of 3rd Grade WEEK 2

7. Mario walked 2 miles with his friends. Which fraction model represents 1 mile?



3.NF.A.1

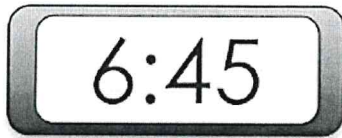
10. The model has 4 dots divided into 2 equal groups. There are how many dots in each group?



3.OA.A.2

8. What time does the digital clock show?

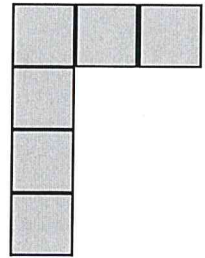
- A. Six ten  
B. Six fifteen  
C. Six forty  
D. Six forty-five



3.MD.A.1

11. This shape is made of unit squares. What is the area of the shape?

- A. 7 unit squares  
B. 6 unit squares  
C. 5 unit squares  
D. 4 unit squares



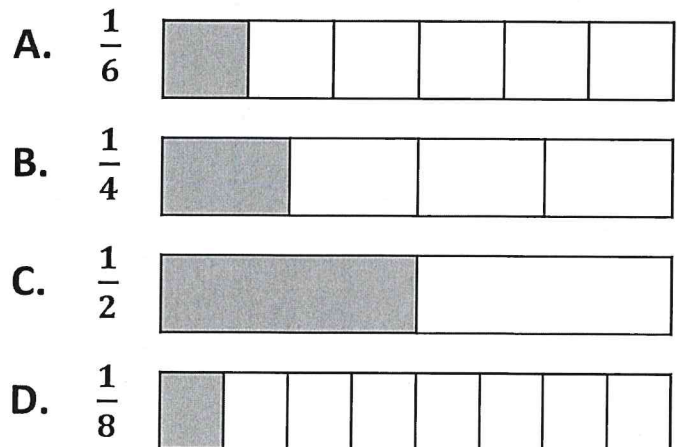
3.MD.C.5.a

9. Which is the better estimate for the weight of an apple?

- A. 3 grams  
B. 3 kilograms  
C. 30 grams  
D. 30 kilograms

3.MD.A.2

12. What fraction is the greatest?

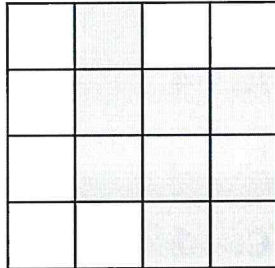


3.NF.A.3.d

# Summer Math Review of 3rd Grade WEEK 3

13. What is the area of the blue shape? Each square has an area of 1 square foot.

- A. 8 square feet
- B. 9 square feet
- C. 16 square feet
- D. 7 square feet



3.MD.C.6

16. What fraction is shown on the number line below?

- A.  $\frac{1}{4}$
- B.  $\frac{1}{2}$
- C.  $\frac{3}{4}$
- D.  $\frac{3}{1}$



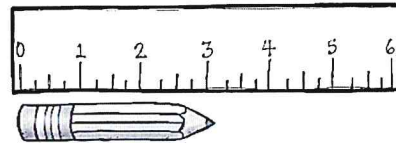
3.NF.A.2a

14. The restaurant made 5 pizzas. Each pizza had 3 toppings. How many total toppings did they use?

- A. 15
- B. 8
- C. 2
- D. 12

3.OA.A.3

17. Use the ruler to measure the pencil below.

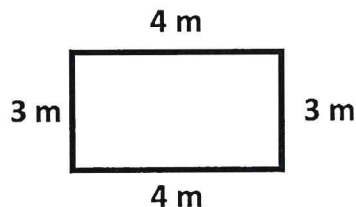


- A. 1 inch
- B. 2 inches
- C. 3 inches
- D. 4 inches

3.MD.B.4

15. What is the perimeter of the rectangle?

- A. 8 m
- B. 10 m
- C. 12 m
- D. 14 m



3.MD.D.8

18. What is the rule for this input/output table?

- A.  $\times 4$
- B.  $\times 2$
- C.  $\times 8$
- D.  $\times 12$

In	Out
1	4
2	8
3	12

3.OA.D.9

# Summer Math Review of 3rd Grade WEEK 4

19.  $10 \times 7 = \underline{\quad}$

- A. 17
- B. 70
- C. 3
- D. 700

3.NBT.A.3

22. Which equation shows the Associative Property?

- A.  $(3 \times 1) \times 4 = 3 \times (1 \times 4)$
- B.  $5 \times 2 = 2 \times 5$
- C.  $4 \times 3 = 4 + 4 + 4$
- D.  $6 \times 1 = 6$

3.OA.B.5

20. 5 groups of  $\underline{\quad}$  equals 15.

- A. 5
- B. 10
- C. 3
- D. 1

3.OA.A.4

23. What is 865 rounded to the nearest hundred?

- A. 800
- B. 900
- C. 860
- D. 870

3.NBT.A.1

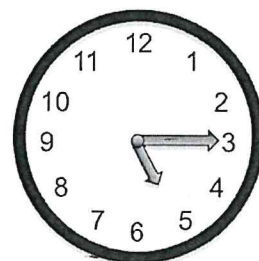
21. Which fraction is smallest?

- A.  $\frac{1}{8}$
- B.  $\frac{2}{8}$
- C.  $\frac{5}{8}$
- D.  $\frac{7}{8}$

3.NF.A.3.d

24. What time does the clock show?

- A. Five forty-five
- B. Five thirty
- C. Five o'clock
- D. Five fifteen



3.MD.A.1

# Summer Math Review of 3rd Grade WEEK 5

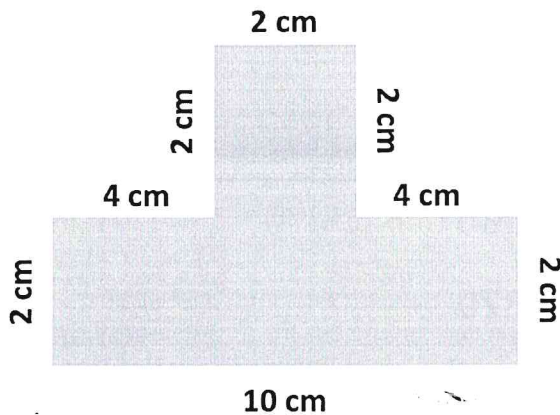
25. Use the Commutative Property of Multiplication to find the missing number.

$$8 \times 7 = 7 \times \underline{\quad}$$

- A. 56
- B. 42
- C. 8
- D. 7

3.OA.C.7

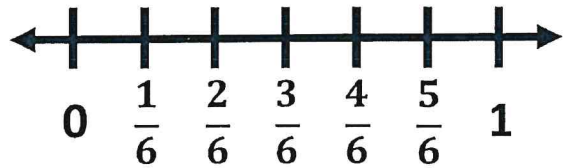
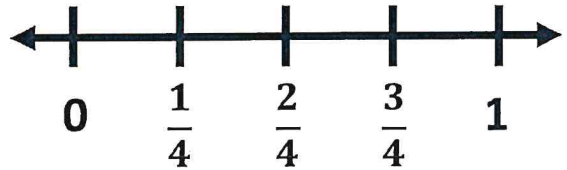
26. What is the perimeter of this shape?



- A. 28 cm
- B. 26 cm
- C. 24 cm
- D. 22 cm

3.MD.D.8

27. Use the number lines below to find equivalent fractions.



- A.  $\frac{2}{4}$  is equivalent to  $\frac{1}{6}$
- B.  $\frac{2}{4}$  is equivalent to  $\frac{2}{6}$
- C.  $\frac{2}{4}$  is equivalent to  $\frac{3}{6}$
- D.  $\frac{2}{4}$  is equivalent to  $\frac{5}{6}$

3.NF.3.A

28.

$$\begin{array}{r} 348 \\ + 294 \\ \hline \end{array}$$

- A. 532
- B. 632
- C. 644
- D. 642

3.NBT.A.2



# Summer Math Review of 3rd Grade WEEK 6

29.

$$\begin{array}{r} 795 \\ 21 \\ + \underline{6} \end{array}$$

- A. 722
- B. 712
- C. 822
- D. 812

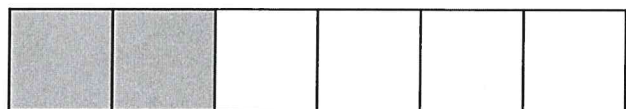
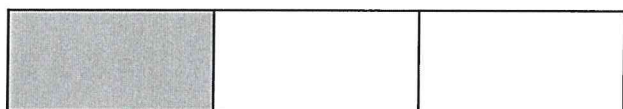
3.NBT.A.2

31.  $42 \div \underline{\quad} = 6$

- A. 36
- B. 6
- C. 8
- D. 7

3.OA.A.4

30. Use the models below to complete the equivalent fractions.



$$\frac{1}{3} = \frac{\quad}{6}$$

- A. 1
- B. 2
- C. 3
- D. 6

3.NF.A.3.b

32. Fill in the blank of these multiplication and division sentences.

$$4 \times 2 = 8$$

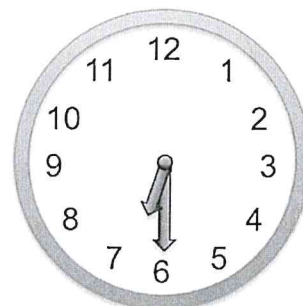
$$8 \div 2 = \underline{\quad}$$

- A. 2
- B. 8
- C. 4
- D. 6

3.OA.B.6

33. What time does the clock show?

- A. 6:30
- B. 5:50
- C. 7:30
- D. 6:15



3.MD.A.1

# Summer Math Review of 3rd Grade WEEK 7

34.

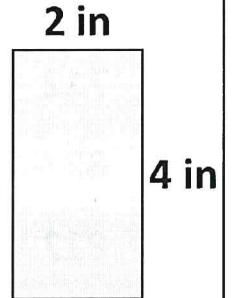
$$\begin{array}{r} 318 \\ + 105 \\ \hline \end{array}$$

- A. 413
- B. 423
- C. 213
- D. 223

3.OA.D.8

36. What is the area of the rectangle?

- A. 2 square inches
- B. 4 square inches
- C. 6 square inches
- D. 8 square inches



3.MD.6.B

35. What is the rule for this input/output table?

- A.  $\div 2$
- B.  $\div 3$
- C.  $\div 4$
- D.  $\div 5$

In	Out
10	2
15	3
20	4

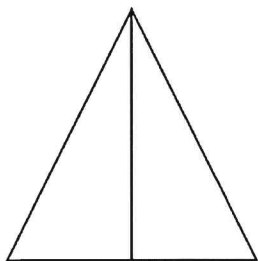
3.OA.D.9

37. What fraction is equivalent to  $\frac{3}{9}$ ?

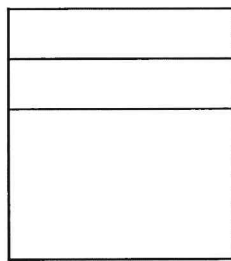
- A.  $\frac{1}{3}$
- B.  $\frac{2}{3}$
- C.  $\frac{2}{9}$
- D.  $\frac{1}{9}$

3.NF.A.3.b

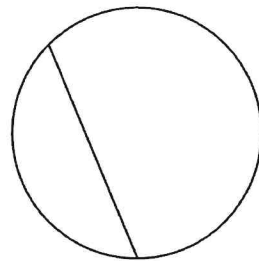
38. Which of the 4 pictures below shows equal parts?



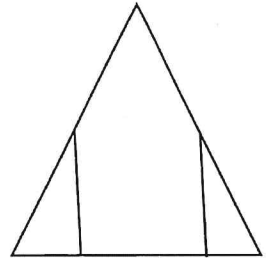
A



B



C



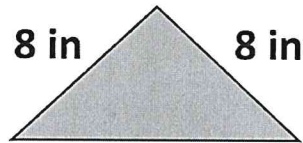
D

3.G.A.2

# Summer Math Review of 3rd Grade WEEK 8

39. The perimeter of the triangle is 30 inches. What is the length of the missing side?

- A. 4 inches
- B. 14 inches
- C. 24 inches
- D. 34 inches



3.MD.D.8

42. The sports store has 342 basketballs, 83 baseballs, and 212 soccer balls. How many total sports balls do they have?

- A. 637
- B. 635
- C. 537
- D. 535

3.NBT.A.2

40.                      **548**  
                               - **203**  
                               -----

- A. 335
- B. 235
- C. 345
- D. 245

3.OA.D.8

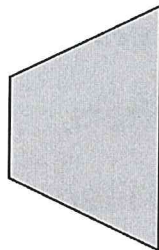
43. If your desk is 2 meters wide and 2 meters long, what is the area of your desk?

- A. 1 square meter
- B. 2 square meters
- C. 6 square meters
- D. 4 square meters

3.MD.C.7.b

41. How many pairs of opposite sides are parallel?

- A. No Pairs
- B. 4 pairs
- C. 2 pairs
- D. 1 pair



3.G.A.1

44. What missing number makes these fractions equal?

$$\frac{1}{5} = \frac{2}{\quad}$$

- A. 5
- B. 10
- C. 2
- D. 7

3.NF.A.3.b

# Summer Math Review of 3rd Grade WEEK 9

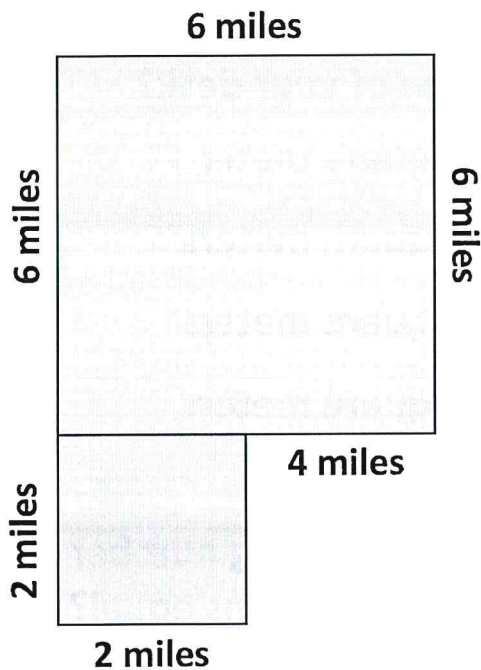
45. What missing number will complete the equivalent fractions below?

$$1 = \frac{2}{2} = \frac{3}{3} = \frac{4}{\quad}$$

- A. 1
- B. 2
- C. 3
- D. 4

3.NF.A.3.c

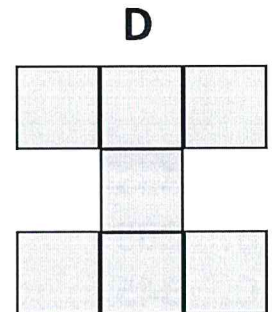
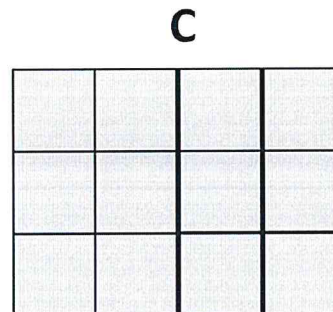
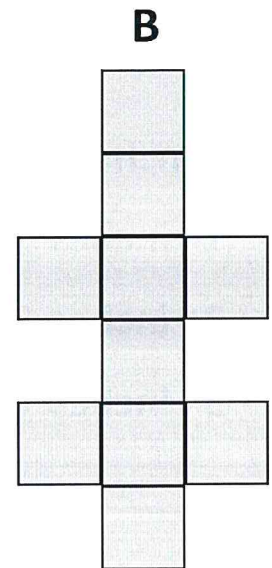
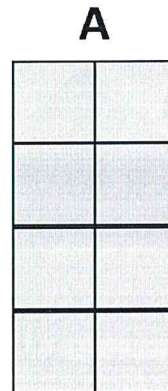
46. What is the area of this figure?



- A. 36 square miles
- B. 40 square miles
- C. 42 square miles
- D. 48 square miles

3.MD.C.7.d

47. Which shape has an area of 10 square units?



3.MD.C.5.a

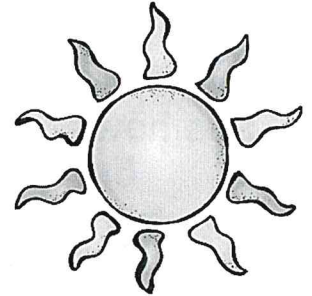
48. Which is the best estimate for a bottle of juice?

- A. 2 liters
- B. 20 liters
- C. 200 liters
- D. 2000 liters

3.MD.A.2

# Summer Math - 3 digit Addition WEEK I

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.



Write the number you completed correctly in the sun.

$$\begin{array}{r} 134 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 220 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 341 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 432 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 853 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 512 \\ + 65 \\ \hline \end{array}$$

$$\begin{array}{r} 751 \\ + 84 \\ \hline \end{array}$$

$$\begin{array}{r} 620 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 948 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 806 \\ + 57 \\ \hline \end{array}$$

$$\begin{array}{r} 665 \\ + 98 \\ \hline \end{array}$$

$$\begin{array}{r} 719 \\ + 97 \\ \hline \end{array}$$

$$\begin{array}{r} 689 \\ + 200 \\ \hline \end{array}$$

$$\begin{array}{r} 897 \\ + 502 \\ \hline \end{array}$$

$$\begin{array}{r} 976 \\ + 408 \\ \hline \end{array}$$

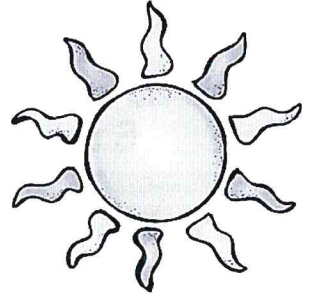
$$\begin{array}{r} 705 \\ + 699 \\ \hline \end{array}$$

# Summer Math - Multiplication Facts

## WEEK 2

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.

Write the number you completed correctly in the sun.



$$\underline{\quad} \times 3 = 6 \quad 3 \times \underline{\quad} = 15 \quad 4 \times 2 = \underline{\quad} \quad \underline{\quad} \times 4 = 20$$

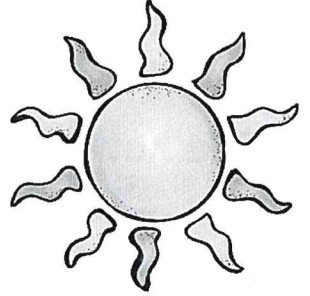
$$6 \times \underline{\quad} = 18 \quad 7 \times 4 = \underline{\quad} \quad \underline{\quad} \times 5 = 40 \quad 9 \times \underline{\quad} = 27$$

$$5 \times 7 = \underline{\quad} \quad \underline{\quad} \times 8 = 56 \quad 6 \times \underline{\quad} = 54 \quad 8 \times 6 = \underline{\quad}$$

# Summer Math - Division Facts

## WEEK 3

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.



Write the number you completed correctly in the sun.

$$12 \div 4 = \underline{\quad} \quad 10 \div 2 = \underline{\quad} \quad 9 \div 3 = \underline{\quad} \quad 15 \div 5 = \underline{\quad}$$

$$8 \div \underline{\quad} = 4 \quad 16 \div \underline{\quad} = 4 \quad 18 \div \underline{\quad} = 3 \quad 20 \div \underline{\quad} = 4$$

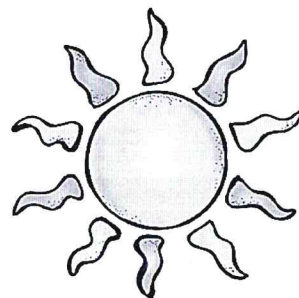
$$\underline{\quad} \div 7 = 5 \quad \underline{\quad} \div 6 = 5 \quad \underline{\quad} \div 4 = 8 \quad \underline{\quad} \div 3 = 7$$

$$56 \div 8 = \underline{\quad} \quad 48 \div \underline{\quad} = 8 \quad \underline{\quad} \div 7 = 6 \quad 45 \div \underline{\quad} = 9$$

# Summer Math - 3 Digit Subtraction

## WEEK 4

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.



Write the number you completed correctly in the sun.

$$\begin{array}{r} 575 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 867 \\ - 42 \\ \hline \end{array}$$

$$\begin{array}{r} 689 \\ - 413 \\ \hline \end{array}$$

$$\begin{array}{r} 756 \\ - 125 \\ \hline \end{array}$$

$$\begin{array}{r} 934 \\ - 80 \\ \hline \end{array}$$

$$\begin{array}{r} 725 \\ - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 516 \\ - 452 \\ \hline \end{array}$$

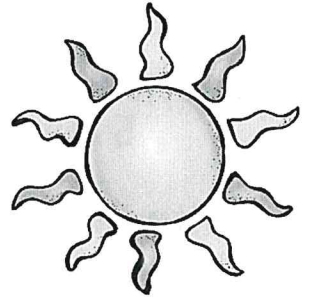
$$\begin{array}{r} 807 \\ - 159 \\ \hline \end{array}$$



# Summer Math - Shapes

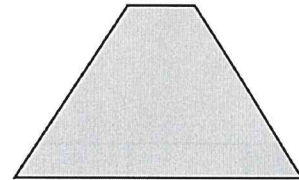
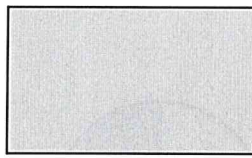
## WEEK 5

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.

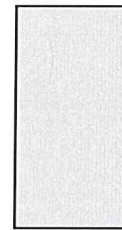
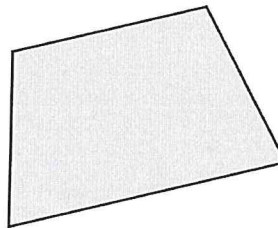
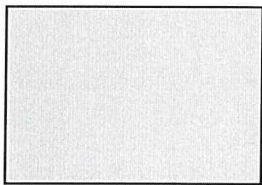


Write the number you completed correctly in the sun.

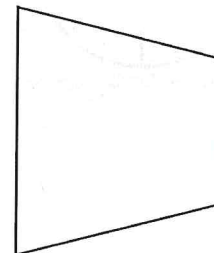
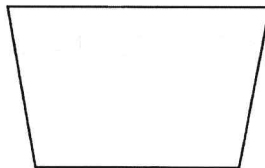
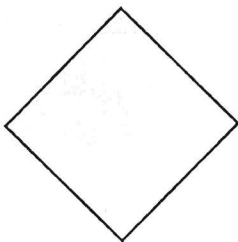
Please circle all the trapezoids below.



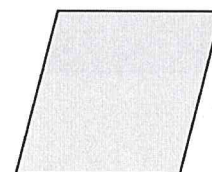
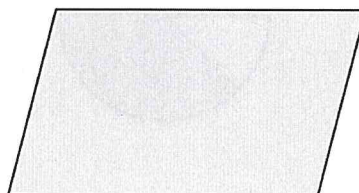
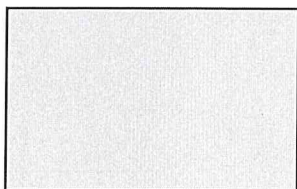
Please circle all the rectangles below.



Please circle all the parallelograms below.



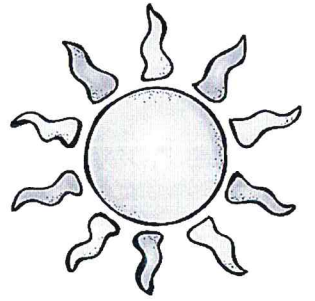
Please circle all the rhombuses below.



# Summer Math - Fractions

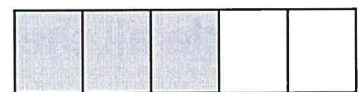
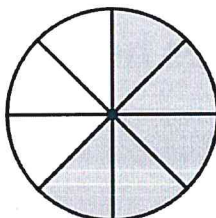
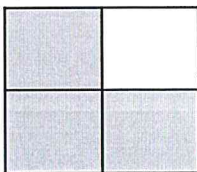
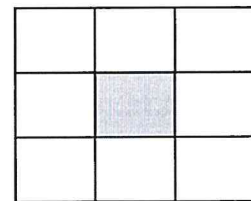
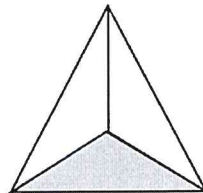
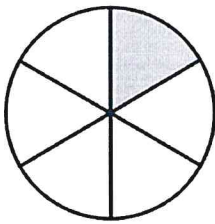
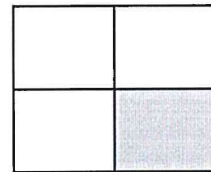
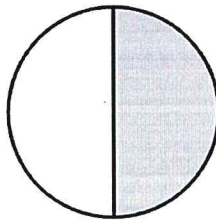
## WEEK 6

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.



Write the number you completed correctly in the sun.

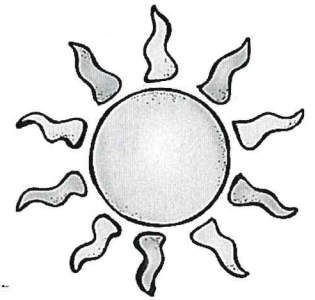
What fraction of the shape is shaded? Please write the fraction above the shape.



# Summer Math - Multiplication & Division Sentences

## WEEK 7

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.



Write the number you completed correctly in the sun.

$$\underline{\quad} \times 2 = 4$$

$$3 \times \underline{\quad} = 9$$

$$5 \times 3 = \underline{\quad}$$

$$4 \div 2 = 2$$

$$9 \div 3 = 3$$

$$15 \div 5 = 3$$

$$4 \times 3 = 12$$

$$6 \times 4 = 24$$

$$7 \times 6 = 42$$

$$\underline{\quad} \div 4 = 3$$

$$24 \div \underline{\quad} = 4$$

$$42 \div 7 = \underline{\quad}$$

$$\underline{\quad} \times 6 = 48$$

$$9 \times \underline{\quad} = 63$$

$$8 \times 9 = \underline{\quad}$$

$$48 \div \underline{\quad} = 6$$

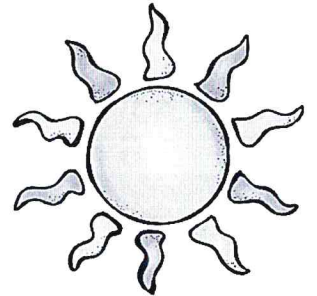
$$63 \div 9 = \underline{\quad}$$

$$\underline{\quad} \div 8 = 9$$

# Summer Math - Multiplication Sentences

## WEEK 8

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.



Write the number you completed correctly in the sun.

Circle the 2 numbers that will complete the multiplication sentence.

2 3 4 5  
\_\_\_\_\_ x \_\_\_\_\_ = 12

5 7 9 11  
\_\_\_\_\_ x \_\_\_\_\_ = 55

2 3 5 8  
\_\_\_\_\_ x \_\_\_\_\_ = 15

3 5 7 9  
\_\_\_\_\_ x \_\_\_\_\_ = 63

3 4 6 9  
\_\_\_\_\_ x \_\_\_\_\_ = 24

7 8 9 10  
\_\_\_\_\_ x \_\_\_\_\_ = 72

5 6 7 8  
\_\_\_\_\_ x \_\_\_\_\_ = 40

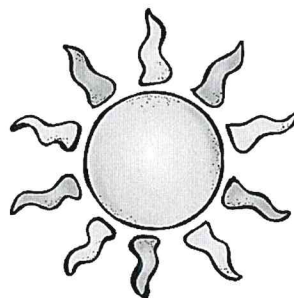
5 8 9 11  
\_\_\_\_\_ x \_\_\_\_\_ = 88

# Summer Math - In and Out Tables

## WEEK 9

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.

Write the number you completed correctly in the sun.



Please complete the multiplication or division tables below

Rule: Multiply by 2

In	Out
1	2
2	___
3	6
4	___

Rule: Multiply by 4

In	Out
0	___
2	8
4	16
6	___

Rule: Divide by 3

In	Out
3	1
6	___
9	___
12	4

Rule: Divide by 5

In	Out
10	2
20	4
30	___
40	___

