

# Fourth Grade Summer Projects

1. Each student should choose any one non-fiction book from the Who Was?, What Is?, or Where Is? book series. ***These are some example covers of just a few of the many books in this series.***



Students will create a poster with the following headings:

- Title and author
- Three facts I learned
- Illustration of the topic
- The most important thing I learned from this book
- In the book, I found this interesting...
- I still wonder if ...

Please give thoughtful, well written answers to each question. If you choose an interesting fact for one heading, that should not be repeated again on the poster under a different heading.

2. All rising fourth graders are required to complete the summer math packet. Most received them at the end of last school year. These are intended to help students review concepts taught in third grade. It is suggested they complete one page a week through the summer. Extra copies are available from the Lower School office.

**Please bring your completed reading project AND math packet to school on Thursday, August 8, 2024.**



**Fluency Blast**

Practice the division facts.

$12 \overline{)24}$

$12 \overline{)96}$

$12 \overline{)84}$

$12 \overline{)12}$

$12 \overline{)120}$

$12 \overline{)48}$

$12 \overline{)108}$

$12 \overline{)34}$

$12 \overline{)144}$

$12 \overline{)72}$

$12 \overline{)132}$

$12 \overline{)60}$



**Day 1**

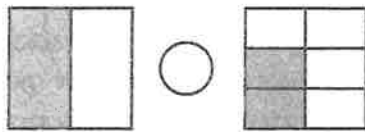
1.  $967 - 749 =$  \_\_\_\_\_

2. Divide the number line into halves.

Label the fractions  $\frac{0}{2}$ ,  $\frac{1}{2}$ , and  $\frac{2}{2}$ .



3. Write  $<$ ,  $>$ , or  $=$ .



**Day 2**

1. Jill had 30 packages of stickers. Each package had 3 stickers in it. Jill gave away 52 stickers, how many stickers did she have left? \_\_\_\_\_

2. Complete the multiplication facts.

$24 \div 12 \quad 12 \times$  \_\_\_\_\_

$18 \div 2 \quad 2 \times$  \_\_\_\_\_

$16 \div 4 \quad 4 \times$  \_\_\_\_\_

3.  $7 \times 8 =$  \_\_\_\_\_

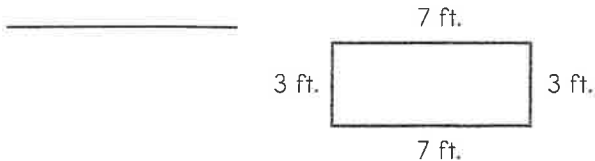
\_\_\_\_\_  $\times 8 = 56$

$7 \times$  \_\_\_\_\_  $= 56$

4. Regan has 6 puppies. She has 2 dishes for the puppies' food. How many puppies will eat at each dish so that there is an equal number of puppies at each dish? \_\_\_\_\_

**Day 3**

1. James wants to tile the kitchen floor. How many 1-foot square tiles will he need to buy?



2. What is the perimeter of the shape?



3. Jack gets up at 8:00. He takes 20 minutes to shower, 3 minutes to brush his teeth, and 30 minutes to eat breakfast. At what time is Jack ready to go to school? \_\_\_\_\_

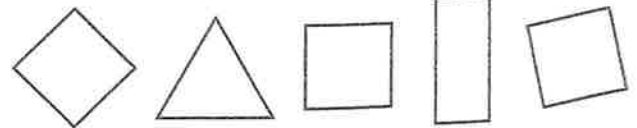
**Day 4**

1. Draw a rectangle that has four equal sides.

2. Name the polygon.



3. Circle the squares.



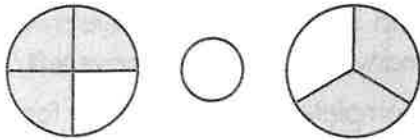
**Fluency Blast**

Practice the division facts.

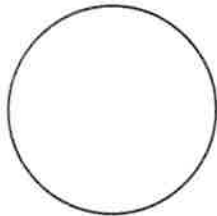
$1\overline{)5}$     $3\overline{)36}$     $1\overline{)9}$     $4\overline{)32}$     $4\overline{)24}$     $1\overline{)6}$     $2\overline{)18}$     $2\overline{)22}$     $4\overline{)4}$     $2\overline{)8}$     $3\overline{)15}$

**Day 1**

1. Write
- $<$
- ,
- $>$
- , or
- $=$
- .



2.  $254 + 198 =$  \_\_\_\_\_
3.  $900 - 199 =$  \_\_\_\_\_
4. Shade the circle to show the fraction  $\frac{2}{6}$ .

**Day 2**

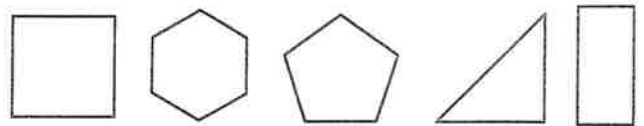
1. Luke has 63 baseball cards to give to 9 friends. If he gives the same number to each friend, how many cards will each friend get?  
\_\_\_\_\_
2. Jamie jumped over 6 rocks. She jumped over each rock 8 times. How many times did she jump? \_\_\_\_\_
3. Complete the related multiplication facts.
- |             |                  |
|-------------|------------------|
| $9 \div 1$  | $1 \times$ _____ |
| $24 \div 4$ | $4 \times$ _____ |
| $18 \div 2$ | $2 \times$ _____ |

**Day 3**

1. Shelly and Fred are painting an area that is 11 feet by 6 feet. How many square feet do Shelly and Fred have to paint?  
\_\_\_\_\_
2. Steve is fencing a rectangular dog pen. Two of the sides are 22 feet long each, and the other two sides are 30 feet long each. How many feet of fence will Steve need?  
\_\_\_\_\_
3. At 11:15, Malia started watching a spider. She watched for 53 minutes until it caught an insect. At what time did it catch an insect?  
\_\_\_\_\_

**Day 4**

1. Circle the shapes with right angles.



2. Draw a robot using all quadrilaterals.

3. Write two names for this shape.



\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_



**Fluency Blast**

Practice the division facts.

$3\overline{)3}$     $5\overline{)15}$     $4\overline{)28}$     $7\overline{)49}$     $7\overline{)35}$     $1\overline{)10}$     $9\overline{)27}$     $9\overline{)81}$     $8\overline{)24}$     $5\overline{)25}$     $1\overline{)5}$     $8\overline{)8}$



**Day 1**

1.  $349 - 349 =$  \_\_\_\_\_

2. Write  $<$ ,  $>$ , or  $=$ .

$\frac{1}{4}$  ○  $\frac{1}{6}$

3. Divide the number line into thirds.

Label the fractions  $\frac{1}{3}$  and  $\frac{2}{3}$ .



**Day 2**

1. Write a related division sentence for each equation.

$5 \times 2$        $10 \div$  \_\_\_\_\_

$7 \times 8$        $56 \div$  \_\_\_\_\_

2. The class must watch a movie that is 50 minutes long. If the movie is divided into 5 equal parts, how many minutes will each part be?

\_\_\_\_\_

3.  $90 \times 2 =$  \_\_\_\_\_

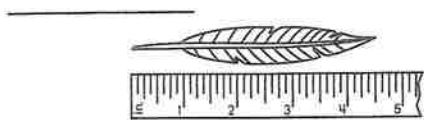
$30 \times 4 =$  \_\_\_\_\_

$70 \times 3 =$  \_\_\_\_\_

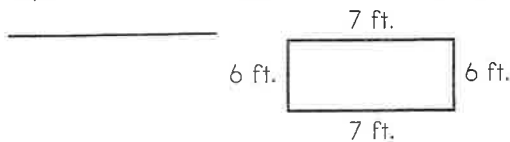
4. Toby runs 4 miles, 7 days a week. How many miles does he run in 2 weeks? \_\_\_\_\_

**Day 3**

1. How many inches long is the feather?

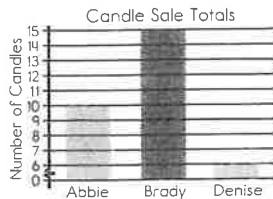


2. Meg wants to carpet the floor. How many square feet of carpet will she have to buy?



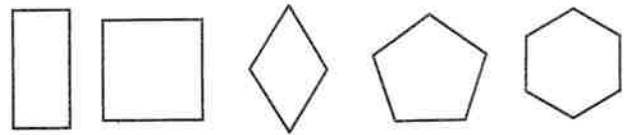
3. How many more candles did Brady sell than Abbie?

\_\_\_\_\_



**Day 4**

1. Color the parallelograms.



2. True or false? A vertex is formed when two line segments meet. \_\_\_\_\_

3. Draw a smiley face using only non-polygons.



**Fluency Blast**

Practice the division facts.

$2 \overline{)16}$     $3 \overline{)18}$     $10 \overline{)10}$     $6 \overline{)48}$     $2 \overline{)4}$     $8 \overline{)32}$     $7 \overline{)70}$     $3 \overline{)15}$     $8 \overline{)64}$     $7 \overline{)42}$     $10 \overline{)30}$     $4 \overline{)40}$

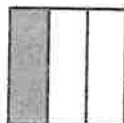
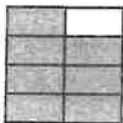


**Day 1**

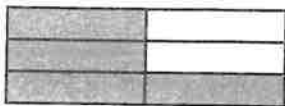
1. Divide the shape into sixths and label each part.



2. Are these fractions equivalent? \_\_\_\_\_



3. What fraction is shaded? \_\_\_\_\_



4.  $845 - 656 =$  \_\_\_\_\_

**Day 2**

1. Sean read 7 books. Each book had 30 pages. How many pages did Sean read?  
\_\_\_\_\_

2. \_\_\_\_\_  $\div 3 = 4$

$9 \times 7 =$  \_\_\_\_\_

$5 \times$  \_\_\_\_\_  $= 40$

3. Write the missing numbers.  
185, 284, 383, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
4. Complete the related multiplication facts.

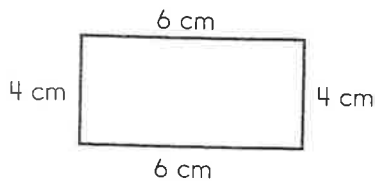
$14 \div 7$       $7 \times$  \_\_\_\_\_

$36 \div 6$       $6 \times$  \_\_\_\_\_

$64 \div 8$       $8 \times$  \_\_\_\_\_

**Day 3**

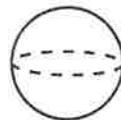
1. Draw square units to find the area of the rectangle.  $A =$  \_\_\_\_\_ square centimeters



2. Allan gets to work at 7:56. He has a 15-minute phone call. Then, he checks his email for 30 minutes. Next, he has a 45-minute meeting. What time is it now? \_\_\_\_\_
3. The third-grade classroom has a perimeter of 100 feet. If it is 25 feet wide, how many feet long is the classroom? \_\_\_\_\_

**Day 4**

1. Name the figure.  
\_\_\_\_\_



2. What is a rhombus? \_\_\_\_\_
3. Draw two rectangles that are not the same.



### Fluency Blast

Practice the math facts.

$5 \times 6 =$

$50 \div 10 =$

$2 \times 6 =$

$55 \div 11 =$

$8 \times 4 =$

$33 \div 3 =$

$5 \times 8 =$

$96 \div 12 =$

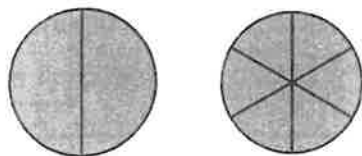
$9 \times 2 =$

$18 \div 3 =$



#### Day 1

1. Are the fractions equivalent? \_\_\_\_\_



2.  $689 - 214 =$  \_\_\_\_\_

3. Divide the number line into fourths.

Label the fractions  $\frac{1}{4}$ ,  $\frac{2}{4}$ , and  $\frac{3}{4}$ .



#### Day 2

1.  $20 \div 4 =$  \_\_\_\_\_

• \_\_\_\_\_  $\div 6 = 6$

$33 \div$  \_\_\_\_\_  $= 3$

2. Complete the related multiplication facts.

$14 \div 2$        $2 \times$  \_\_\_\_\_

$45 \div 9$        $9 \times$  \_\_\_\_\_

$77 \div 7$        $7 \times$  \_\_\_\_\_

3.  $6 \times 4 \times 7 =$  \_\_\_\_\_

4. Annie received a small bag of jelly beans as a gift. There are 40 jelly beans in the bag. She wants to share them equally among 8 people. How many jelly beans will each person get?

\_\_\_\_\_

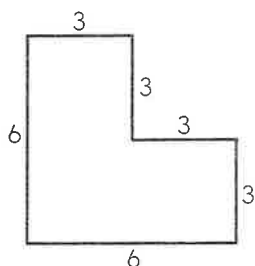
#### Day 3

1. Jennifer's desk is a trapezoid that has a perimeter of 140 inches, with two diagonal sides that are 30 inches long, and one base that is 48 inches long. How many inches long is the other base? \_\_\_\_\_

2. Carrie worked on her science project last weekend from 10:15 am to 1:00 pm. How long did Carrie work on her project? \_\_\_\_\_

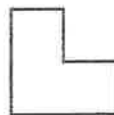
3. What is the total area of the shape?

\_\_\_\_\_

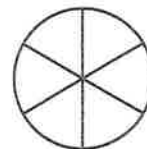


#### Day 4

1. What is the name of the shape shown?



2. How is this circle divided? \_\_\_\_\_



3. Write the name of a shape that has no sides and no vertices. \_\_\_\_\_

4. Draw a parallelogram.





**Fluency Blast**

Practice the math facts.

$3 \times 2 =$

$24 \div 8 =$

$4 \times 6 =$

$88 \div 11 =$

$9 \times 3 =$

$18 \div 2 =$

$5 \times 7 =$

$90 \div 9 =$

$3 \times 3 =$

$12 \div 3 =$



**Day 1**

- $595 + 37 =$  \_\_\_\_\_
- Divide the number line into fourths.  
Label the fractions  $\frac{1}{2}$ ,  $\frac{2}{4}$ , and  $\frac{3}{4}$ .



- Draw a rectangle. Divide and shade it to show the fraction  $\frac{1}{3}$ .

**Day 2**

- $70 \times 2 =$  \_\_\_\_\_  
 $30 \times 4 =$  \_\_\_\_\_  
 $50 \times 4 =$  \_\_\_\_\_

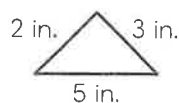
- Complete the table.

Divide by 2	
10	5
30	
15	
40	
45	

- $6 \times 2 \times 4 =$  \_\_\_\_\_
- Five children lifted a total of 35 pounds. Each child lifted the same number of pounds. How many pounds did each child lift?  
\_\_\_\_\_

**Day 3**

- Beth parks her car at 2:45. She puts enough money in the parking meter to go to the mall for 45 minutes. What time should she be back at her car? \_\_\_\_\_
- About how much does a butterfly weigh?  
A. 200 grams      B. 2 grams  
C. 20 grams      D. 2,000 grams
- What is the perimeter of the shape?  
\_\_\_\_\_



- What is the area of the shape? \_\_\_\_\_  
9 ft.

6 ft.



**Day 4**

- Look at the cover of a book. What shape is it?  
\_\_\_\_\_
- Sam says that a parallelogram must have four congruent sides. Is he correct? \_\_\_\_\_
- Draw a parallelogram to support your answer in problem 2.

- Circle the octagons.





**Fluency Blast**

Practice the math facts.

$5 \times 2 =$

$50 \div 5 =$

$2 \times 12 =$

$55 \div 5 =$

$8 \times 9 =$

$33 \div 11 =$

$5 \times 12 =$

$24 \div 3 =$

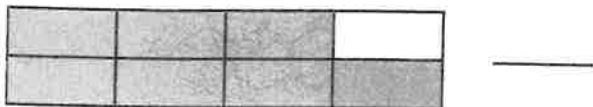
$9 \times 4 =$

$18 \div 9 =$



**Day 1**

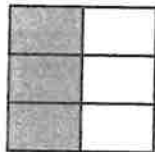
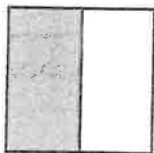
1. What fraction is shaded?



2.  $492 + 273 =$  \_\_\_\_\_

3.  $645 - 298 =$  \_\_\_\_\_

4. Are these fractions equivalent? \_\_\_\_\_



**Day 2**

1. \_\_\_\_\_  $\times 2 = 24$

$4 \times$  \_\_\_\_\_  $= 16$

$60 \div 6 =$  \_\_\_\_\_

2. Write the missing numbers.

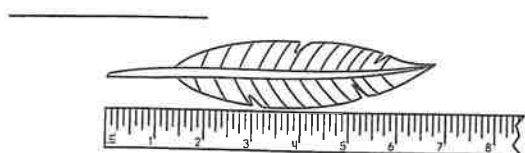
515, 505, 495, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

3. An octopus has eight tentacles. Six octopuses are swimming in the ocean. How many tentacles are there in all? \_\_\_\_\_

4. Diane is making 4 mini pizzas. She has 32 pieces of pepperoni to divide between the pizzas. How many pieces of pepperoni should go on each pizza? \_\_\_\_\_

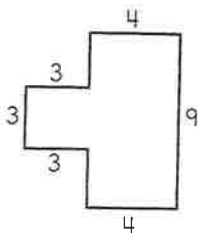
**Day 3**

1. How many inches long is the feather?



2. What is the total area of the shape?

\_\_\_\_\_



3. Robert and his family arrive at the amusement park at 9:00. They wait in line for 42 minutes. What time is it when they go inside the park?

\_\_\_\_\_

**Day 4**

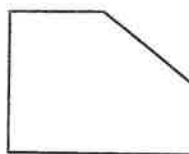
1. What polygon is a stop sign?

\_\_\_\_\_

2. True or false? A rhombus is a type of square.

\_\_\_\_\_

3. Name the polygon.



\_\_\_\_\_





**Fluency Blast**

Practice the math facts.

$10 + 7 =$

$35 \div 5 =$

$7 \times 7 =$

$9 \times 4 =$

$6 \times 6 =$

$10 \div 1 =$

$9 \times 0 =$

$12 \times 10 =$

$4 \times 3 =$

$16 \div 4 =$



**Day 1**

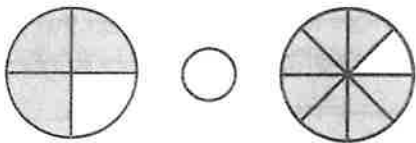
1. Divide the number line into halves.

Label the fractions  $\frac{0}{2}$ ,  $\frac{1}{2}$ , and  $\frac{2}{2}$ .



2. True or false? The fractions  $\frac{2}{4}$  and  $\frac{4}{8}$  are equivalent. \_\_\_\_\_

3. Write  $<$ ,  $>$ , or  $=$ .



**Day 2**

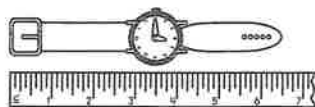
1. The pet store has 9 turtles. Ana feeds 3 lettuce leaves to each turtle. How many lettuce leaves does Ana feed to the turtles in all?  
\_\_\_\_\_

2. Lake Erie is 241 miles long. Lake Ontario is 193 miles long. How much longer is Lake Erie than Lake Ontario? \_\_\_\_\_

3.  $24 \div 8 =$  \_\_\_\_\_     $60 \div 2 =$  \_\_\_\_\_  
 $12 \div 4 =$  \_\_\_\_\_     $40 \div 2 =$  \_\_\_\_\_

**Day 3**

1. How many inches long is the watch?  
\_\_\_\_\_



2. Draw hands on the clock to show 11:59.



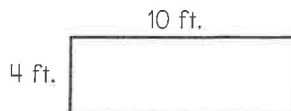
3. About how much does a basketball weigh?

- A. 2 pounds      B. 20 pounds  
C. 300 pounds    D. 10 pounds

4. What are the area and perimeter of the shape?

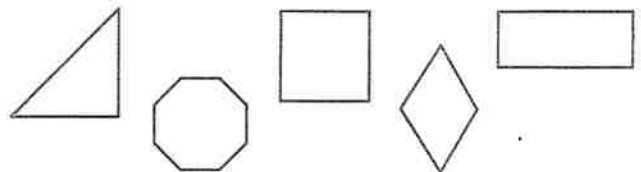
A = \_\_\_\_\_

P = \_\_\_\_\_



**Day 4**

1. Circle the shapes with right angles.



2. Draw a car made of only quadrilaterals.

3. Write two names for the shape.



\_\_\_\_\_  
\_\_\_\_\_