

Math

Ok guys, we are going to finish our Fraction Module. This is Module 5, you will find it as Mission 5 in Zearn. Remember you can find Zearn inside Clever at linden.ortn.edu.

Three times a week you will have a Sprint or a Pattern Sheet and a Problem Set.

We want you to do this each day you do a Math Lesson

1. Sprint or Pattern Sheet, don't worry about what these are titled, they may not match your Problem Set.
2. Watch the Math Chat, Z-Squad, or Learning Lab for each lesson. Make sure you are in Mission 5 and watch the Lesson that is on the top of your Problem Set.
3. Complete the Problem Set.

Your Lessons are 15, 16, 17, 18, 21, 22, 23, 24, 26, 27, 28, & 29

Good luck and think hard, this will help you get ready for 4th Grade!!

Mrs. Cantrell

Mrs. Keck

Mr. Lee

A

Number Correct: _____

Multiply and Divide by Nine

1.	$2 \times 9 =$	
2.	$3 \times 9 =$	
3.	$4 \times 9 =$	
4.	$5 \times 9 =$	
5.	$1 \times 9 =$	
6.	$18 \div 9 =$	
7.	$27 \div 9 =$	
8.	$45 \div 9 =$	
9.	$9 \div 9 =$	
10.	$36 \div 9 =$	
11.	$6 \times 9 =$	
12.	$7 \times 9 =$	
13.	$8 \times 9 =$	
14.	$9 \times 9 =$	
15.	$10 \times 9 =$	
16.	$72 \div 9 =$	
17.	$63 \div 9 =$	
18.	$81 \div 9 =$	
19.	$54 \div 9 =$	
20.	$90 \div 9 =$	
21.	$___ \times 9 = 45$	
22.	$___ \times 9 = 9$	

23.	$___ \times 9 = 90$	
24.	$___ \times 9 = 18$	
25.	$___ \times 9 = 27$	
26.	$90 \div 9 =$	
27.	$45 \div 9 =$	
28.	$9 \div 9 =$	
29.	$18 \div 9 =$	
30.	$27 \div 9 =$	
31.	$___ \times 9 = 54$	
32.	$___ \times 9 = 63$	
33.	$___ \times 9 = 81$	
34.	$___ \times 9 = 72$	
35.	$63 \div 9 =$	
36.	$81 \div 9 =$	
37.	$54 \div 9 =$	
38.	$72 \div 9 =$	
39.	$11 \times 9 =$	
40.	$99 \div 9 =$	
41.	$12 \times 9 =$	
42.	$108 \div 9 =$	
43.	$14 \times 9 =$	
44.	$126 \div 9 =$	

B

Number Correct: _____

Improvement: _____

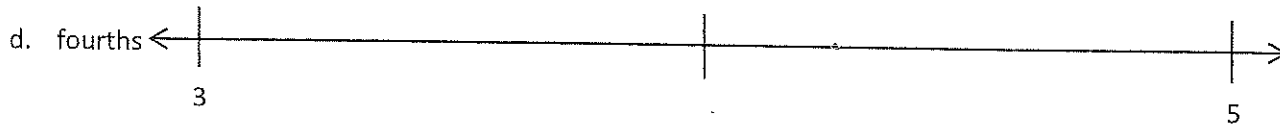
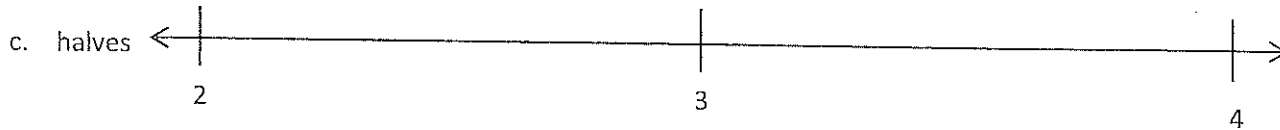
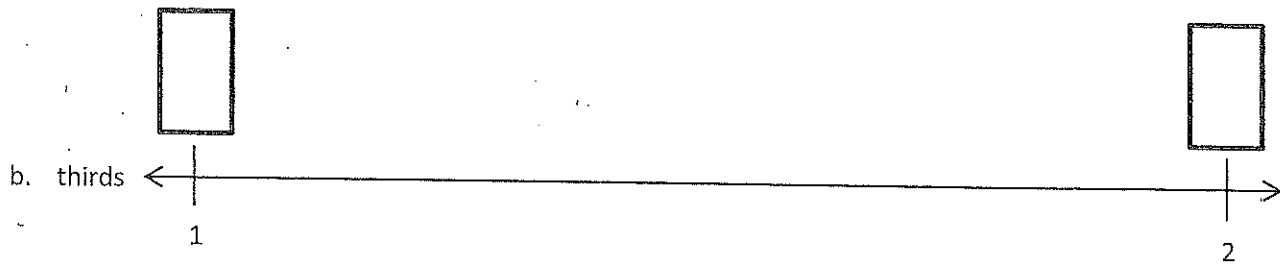
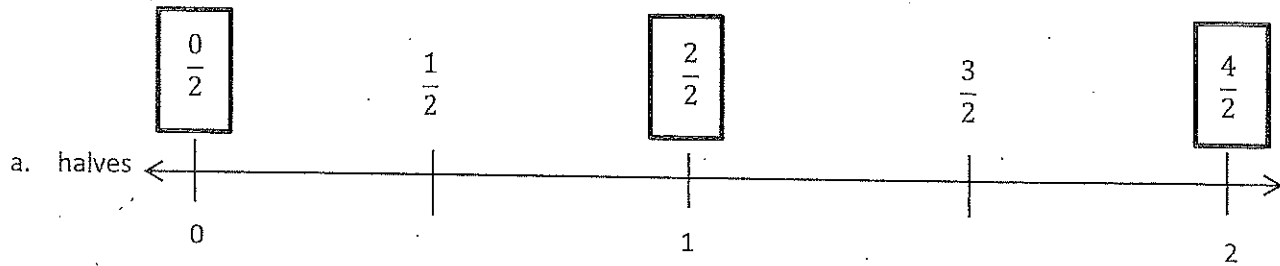
Multiply and Divide by Nine

1.	$1 \times 9 =$	
2.	$2 \times 9 =$	
3.	$3 \times 9 =$	
4.	$4 \times 9 =$	
5.	$5 \times 9 =$	
6.	$27 \div 9 =$	
7.	$18 \div 9 =$	
8.	$36 \div 9 =$	
9.	$9 \div 9 =$	
10.	$45 \div 9 =$	
11.	$10 \times 9 =$	
12.	$6 \times 9 =$	
13.	$7 \times 9 =$	
14.	$8 \times 9 =$	
15.	$9 \times 9 =$	
16.	$63 \div 9 =$	
17.	$54 \div 9 =$	
18.	$72 \div 9 =$	
19.	$90 \div 9 =$	
20.	$81 \div 9 =$	
21.	$\underline{\quad} \times 9 = 9$	
22.	$\underline{\quad} \times 9 = 45$	

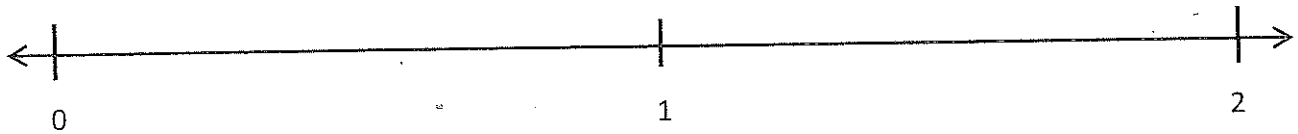
23.	$\underline{\quad} \times 9 = 18$	
24.	$\underline{\quad} \times 9 = 90$	
25.	$\underline{\quad} \times 9 = 27$	
26.	$18 \div 9 =$	
27.	$9 \div 9 =$	
28.	$90 \div 9 =$	
29.	$45 \div 9 =$	
30.	$27 \div 9 =$	
31.	$\underline{\quad} \times 9 = 27$	
32.	$\underline{\quad} \times 9 = 36$	
33.	$\underline{\quad} \times 9 = 81$	
34.	$\underline{\quad} \times 9 = 63$	
35.	$72 \div 9 =$	
36.	$81 \div 9 =$	
37.	$54 \div 9 =$	
38.	$63 \div 9 =$	
39.	$11 \times 9 =$	
40.	$99 \div 9 =$	
41.	$12 \times 9 =$	
42.	$108 \div 9 =$	
43.	$13 \times 9 =$	
44.	$117 \div 9 =$	

Name _____ Date _____

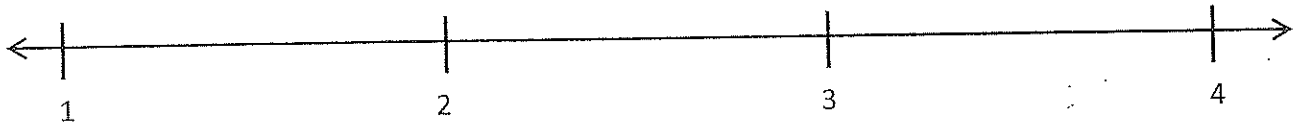
1. Estimate to equally partition and label the fractions on the number line. Label the wholes as fractions, and box them. The first one is done for you.



2. Partition each whole into fifths. Label each fraction. Count up as you go. Box the fractions that are located at the same points as whole numbers.



3. Partition each whole into thirds. Label each fraction. Count up as you go. Box the fractions that are located at the same points as whole numbers.



4. Draw a number line with endpoints 0 and 3. Label the wholes. Partition each whole into fourths. Label all the fractions from 0 to 3. Box the fractions that are located at the same points as whole numbers. Use a separate paper if you need more space.

Number Correct: _____

A

Division

1.	$3 \div 3 =$	
2.	$4 \div 4 =$	
3.	$5 \div 5 =$	
4.	$19 \div 19 =$	
5.	$0 \div 1 =$	
6.	$0 \div 2 =$	
7.	$0 \div 3 =$	
8.	$0 \div 19 =$	
9.	$6 \div 3 =$	
10.	$9 \div 3 =$	
11.	$12 \div 3 =$	
12.	$15 \div 3 =$	
13.	$4 \div 2 =$	
14.	$6 \div 2 =$	
15.	$8 \div 2 =$	
16.	$10 \div 2 =$	
17.	$18 \div 3 =$	
18.	$12 \div 2 =$	
19.	$21 \div 3 =$	
20.	$14 \div 2 =$	
21.	$20 \div 10 =$	
22.	$20 \div 2 =$	

23.	$24 \div 3 =$	
24.	$16 \div 2 =$	
25.	$30 \div 10 =$	
26.	$30 \div 3 =$	
27.	$27 \div 3 =$	
28.	$18 \div 2 =$	
29.	$40 \div 10 =$	
30.	$40 \div 4 =$	
31.	$20 \div 4 =$	
32.	$20 \div 5 =$	
33.	$24 \div 4 =$	
34.	$30 \div 5 =$	
35.	$28 \div 4 =$	
36.	$40 \div 5 =$	
37.	$32 \div 4 =$	
38.	$45 \div 5 =$	
39.	$44 \div 4 =$	
40.	$36 \div 4 =$	
41.	$48 \div 6 =$	
42.	$63 \div 7 =$	
43.	$64 \div 8 =$	
44.	$72 \div 9 =$	

B

Number Correct: _____

Improvement: _____

Division

1.	$2 \div 2 =$	
2.	$3 \div 3 =$	
3.	$4 \div 4 =$	
4.	$17 \div 17 =$	
5.	$0 \div 2 =$	
6.	$0 \div 3 =$	
7.	$0 \div 4 =$	
8.	$0 \div 17 =$	
9.	$4 \div 2 =$	
10.	$6 \div 2 =$	
11.	$8 \div 2 =$	
12.	$10 \div 2 =$	
13.	$6 \div 3 =$	
14.	$9 \div 3 =$	
15.	$12 \div 3 =$	
16.	$15 \div 3 =$	
17.	$12 \div 2 =$	
18.	$18 \div 3 =$	
19.	$14 \div 2 =$	
20.	$21 \div 3 =$	
21.	$20 \div 2 =$	
22.	$20 \div 10 =$	

23.	$16 \div 2 =$	
24.	$24 \div 3 =$	
25.	$30 \div 3 =$	
26.	$30 \div 10 =$	
27.	$18 \div 2 =$	
28.	$27 \div 3 =$	
29.	$40 \div 4 =$	
30.	$40 \div 10 =$	
31.	$20 \div 5 =$	
32.	$20 \div 4 =$	
33.	$30 \div 5 =$	
34.	$24 \div 4 =$	
35.	$40 \div 5 =$	
36.	$28 \div 4 =$	
37.	$45 \div 5 =$	
38.	$32 \div 4 =$	
39.	$55 \div 5 =$	
40.	$36 \div 4 =$	
41.	$54 \div 6 =$	
42.	$56 \div 7 =$	
43.	$72 \div 8 =$	
44.	$63 \div 9 =$	

Name _____

Date _____

1. Locate and label the following fractions on the number line.

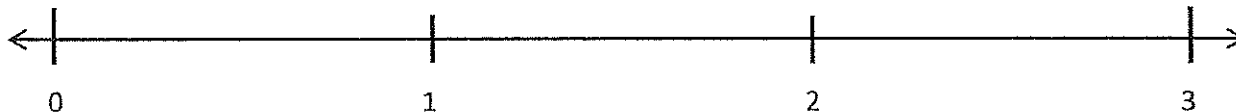
$\frac{0}{6}$

$\frac{6}{6}$

$\frac{12}{6}$

$\frac{3}{6}$

$\frac{9}{6}$



2. Locate and label the following fractions on the number line.

$\frac{8}{4}$

$\frac{6}{4}$

$\frac{12}{4}$

$\frac{16}{4}$

$\frac{4}{4}$



3. Locate and label the following fractions on the number line.

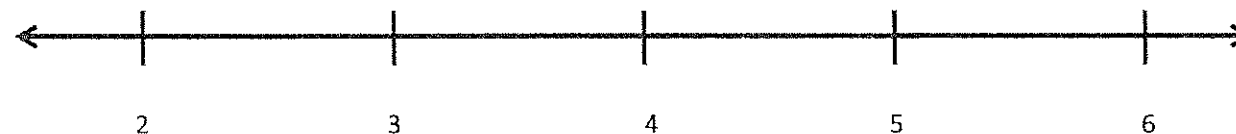
$\frac{18}{3}$

$\frac{14}{3}$

$\frac{9}{3}$

$\frac{11}{3}$

$\frac{6}{3}$



4. For a measurement project in math class, students measured the lengths of their pinky fingers. Alex's measured 2 inches long. Jerimiah's pinky finger was $\frac{7}{4}$ inches long. Whose finger is longer? Draw a number line to help prove your answer.
5. Marcy ran 4 kilometers after school. She stopped to tie her shoelace at $\frac{7}{5}$ kilometers. Then, she stopped to switch songs on her iPod at $\frac{12}{5}$ kilometers. Draw a number line showing Marcy's run. Include her starting and finishing points and the 2 places where she stopped.

Number Correct: _____

A

Express Fractions as Whole Numbers

1.	$\frac{2}{1} =$	
2.	$\frac{2}{2} =$	
3.	$\frac{4}{2} =$	
4.	$\frac{6}{2} =$	
5.	$\frac{10}{2} =$	
6.	$\frac{8}{2} =$	
7.	$\frac{5}{1} =$	
8.	$\frac{5}{5} =$	
9.	$\frac{10}{5} =$	
10.	$\frac{15}{5} =$	
11.	$\frac{25}{5} =$	
12.	$\frac{20}{5} =$	
13.	$\frac{10}{10} =$	
14.	$\frac{50}{10} =$	
15.	$\frac{30}{10} =$	
16.	$\frac{10}{1} =$	
17.	$\frac{20}{10} =$	
18.	$\frac{40}{10} =$	
19.	$\frac{8}{4} =$	
20.	$\frac{4}{4} =$	
21.	$\frac{4}{1} =$	
22.	$\frac{12}{4} =$	

23.	$\frac{6}{3} =$	
24.	$\frac{3}{3} =$	
25.	$\frac{3}{1} =$	
26.	$\frac{9}{3} =$	
27.	$\frac{16}{4} =$	
28.	$\frac{20}{4} =$	
29.	$\frac{12}{3} =$	
30.	$\frac{15}{3} =$	
31.	$\frac{70}{10} =$	
32.	$\frac{12}{2} =$	
33.	$\frac{14}{2} =$	
34.	$\frac{90}{10} =$	
35.	$\frac{30}{5} =$	
36.	$\frac{35}{5} =$	
37.	$\frac{60}{10} =$	
38.	$\frac{18}{2} =$	
39.	$\frac{40}{5} =$	
40.	$\frac{80}{10} =$	
41.	$\frac{16}{2} =$	
42.	$\frac{45}{5} =$	
43.	$\frac{27}{3} =$	
44.	$\frac{32}{4} =$	

B

Number Correct: _____

Improvement: _____

Express Fractions as Whole Numbers

1.	$\frac{5}{1} =$	
2.	$\frac{5}{5} =$	
3.	$\frac{10}{5} =$	
4.	$\frac{15}{5} =$	
5.	$\frac{25}{5} =$	
6.	$\frac{20}{5} =$	
7.	$\frac{2}{1} =$	
8.	$\frac{2}{2} =$	
9.	$\frac{4}{2} =$	
10.	$\frac{6}{2} =$	
11.	$\frac{10}{2} =$	
12.	$\frac{8}{2} =$	
13.	$\frac{10}{1} =$	
14.	$\frac{10}{10} =$	
15.	$\frac{50}{10} =$	
16.	$\frac{30}{10} =$	
17.	$\frac{20}{10} =$	
18.	$\frac{40}{10} =$	
19.	$\frac{6}{3} =$	
20.	$\frac{3}{3} =$	
21.	$\frac{3}{1} =$	
22.	$\frac{9}{3} =$	

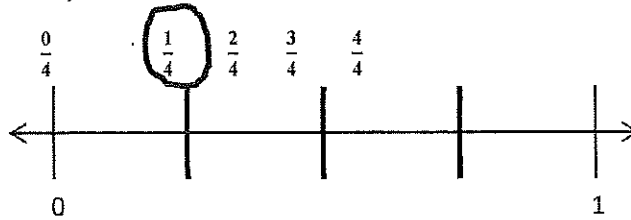
23.	$\frac{8}{4} =$	
24.	$\frac{4}{4} =$	
25.	$\frac{4}{1} =$	
26.	$\frac{12}{4} =$	
27.	$\frac{12}{3} =$	
28.	$\frac{15}{3} =$	
29.	$\frac{16}{4} =$	
30.	$\frac{20}{4} =$	
31.	$\frac{90}{10} =$	
32.	$\frac{30}{5} =$	
33.	$\frac{35}{5} =$	
34.	$\frac{70}{10} =$	
35.	$\frac{12}{2} =$	
36.	$\frac{14}{2} =$	
37.	$\frac{80}{10} =$	
38.	$\frac{45}{5} =$	
39.	$\frac{16}{2} =$	
40.	$\frac{60}{10} =$	
41.	$\frac{18}{2} =$	
42.	$\frac{40}{5} =$	
43.	$\frac{36}{4} =$	
44.	$\frac{24}{3} =$	

Name _____

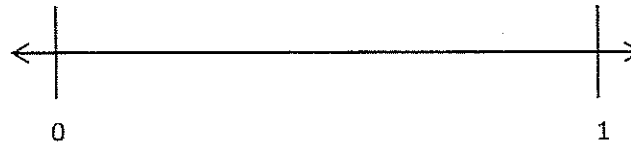
Date _____

Place the two fractions on the number line. Circle the fraction with the distance closest to 0. Then, compare using $>$, $<$, or $=$. The first problem is done for you.

1. $\frac{1}{4}$ $\frac{3}{4}$



2. $\frac{2}{6}$ $\frac{3}{6}$



3. $\frac{1}{2}$ $\frac{1}{4}$



4. $\frac{2}{3}$ $\frac{2}{6}$



5. $\frac{11}{8}$ $\frac{7}{4}$



6. JoAnn and Lupe live straight down the street from their school. JoAnn walks $\frac{5}{6}$ miles and Lupe walks $\frac{7}{8}$ miles home from school every day. Draw a number line to model how far each girl walks. Who walks the least? Explain how you know using pictures, numbers, and words.
7. Cheryl cuts 2 pieces of thread. The blue thread is $\frac{5}{4}$ meters long. The red thread is $\frac{4}{5}$ meters long. Draw a number line to model the length of each piece of thread. Which piece of thread is shorter? Explain how you know using pictures, numbers, and words.
8. Brandon makes homemade spaghetti. He measures 3 noodles. One measures $\frac{7}{8}$ feet, the second is $\frac{7}{4}$ feet, and the third is $\frac{4}{2}$ feet long. Draw a number line to model the length of each piece of spaghetti. Write a number sentence using $<$, $>$, or $=$ to compare the pieces. Explain using pictures, numbers, and words.

A

Number Correct: _____

Multiply or Divide by 5

1.	$2 \times 5 =$	
2.	$3 \times 5 =$	
3.	$4 \times 5 =$	
4.	$5 \times 5 =$	
5.	$1 \times 5 =$	
6.	$10 \div 5 =$	
7.	$15 \div 5 =$	
8.	$25 \div 5 =$	
9.	$5 \div 5 =$	
10.	$20 \div 5 =$	
11.	$6 \times 5 =$	
12.	$7 \times 5 =$	
13.	$8 \times 5 =$	
14.	$9 \times 5 =$	
15.	$10 \times 5 =$	
16.	$40 \div 5 =$	
17.	$35 \div 5 =$	
18.	$45 \div 5 =$	
19.	$30 \div 5 =$	
20.	$50 \div 5 =$	
21.	$___ \times 5 = 25$	
22.	$___ \times 5 = 5$	

23.	$___ \times 5 = 50$	
24.	$___ \times 5 = 10$	
25.	$___ \times 5 = 15$	
26.	$50 \div 5 =$	
27.	$25 \div 5 =$	
28.	$5 \div 5 =$	
29.	$10 \div 5 =$	
30.	$15 \div 5 =$	
31.	$___ \times 5 = 30$	
32.	$___ \times 5 = 35$	
33.	$___ \times 5 = 45$	
34.	$___ \times 5 = 40$	
35.	$35 \div 5 =$	
36.	$45 \div 5 =$	
37.	$30 \div 5 =$	
38.	$40 \div 5 =$	
39.	$11 \times 5 =$	
40.	$55 \div 5 =$	
41.	$15 \div 5 =$	
42.	$60 \div 5 =$	
43.	$12 \times 5 =$	
44.	$70 \div 5 =$	

B

Number Correct: _____

Improvement: _____

Multiply or Divide by 5

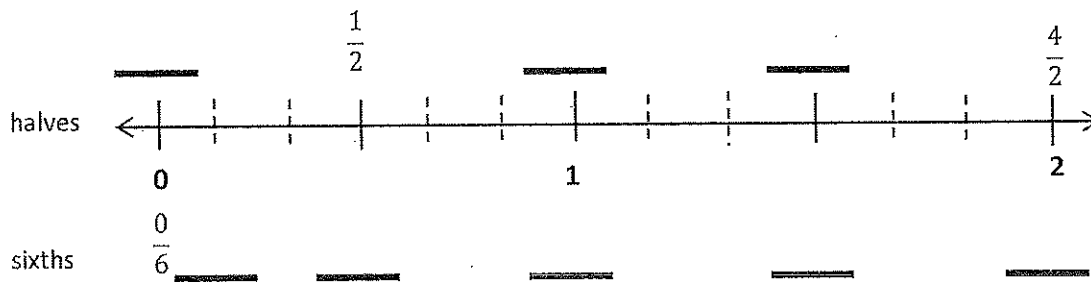
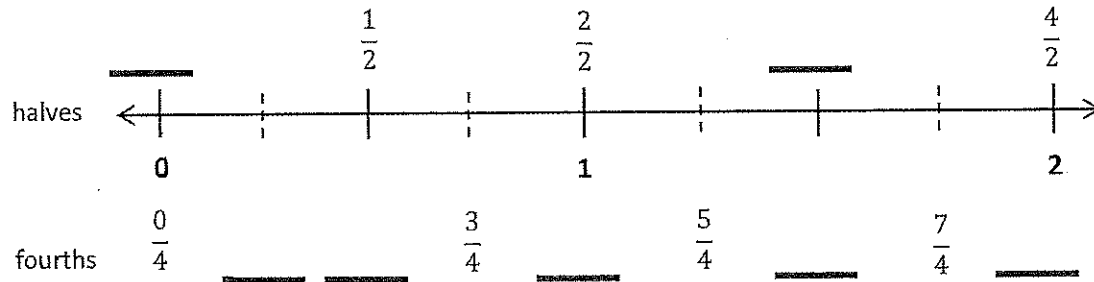
1.	$1 \times 5 =$	
2.	$2 \times 5 =$	
3.	$3 \times 5 =$	
4.	$4 \times 5 =$	
5.	$5 \times 5 =$	
6.	$15 \div 5 =$	
7.	$10 \div 5 =$	
8.	$20 \div 5 =$	
9.	$5 \div 5 =$	
10.	$25 \div 5 =$	
11.	$10 \times 5 =$	
12.	$6 \times 5 =$	
13.	$7 \times 5 =$	
14.	$8 \times 5 =$	
15.	$9 \times 5 =$	
16.	$35 \div 5 =$	
17.	$30 \div 5 =$	
18.	$40 \div 5 =$	
19.	$50 \div 5 =$	
20.	$45 \div 5 =$	
21.	$\underline{\quad} \times 5 = 5$	
22.	$\underline{\quad} \times 5 = 25$	

23.	$\underline{\quad} \times 5 = 10$	
24.	$\underline{\quad} \times 5 = 50$	
25.	$\underline{\quad} \times 5 = 15$	
26.	$10 \div 5 =$	
27.	$5 \div 5 =$	
28.	$50 \div 5 =$	
29.	$25 \div 5 =$	
30.	$15 \div 5 =$	
31.	$\underline{\quad} \times 5 = 15$	
32.	$\underline{\quad} \times 5 = 20$	
33.	$\underline{\quad} \times 5 = 45$	
34.	$\underline{\quad} \times 5 = 35$	
35.	$40 \div 5 =$	
36.	$45 \div 5 =$	
37.	$30 \div 5 =$	
38.	$35 \div 5 =$	
39.	$11 \times 5 =$	
40.	$55 \div 5 =$	
41.	$12 \times 5 =$	
42.	$60 \div 5 =$	
43.	$13 \times 5 =$	
44.	$65 \div 5 =$	

Name _____

Date _____

1. Use the fractional units on the left to count up on the number line. Label the missing fractions on the blanks.



2. Use the number lines above to:

- Color fractions equal to 1 half blue.
- Color fractions equal to 1 yellow.
- Color fractions equal to 3 halves green.
- Color fractions equal to 2 red.

3. Use the number lines above to make the number sentences true.

$$\frac{2}{4} = \frac{\quad}{6}$$

$$\frac{6}{6} = \frac{2}{\quad} = \frac{\quad}{\quad}$$

$$\frac{3}{2} = \frac{\quad}{6} = \frac{6}{\quad}$$

4. Jack and Jill use rain gauges the same size and shape to measure rain on the top of a hill. Jack uses a rain gauge marked in fourths of an inch. Jill's gauge measures rain in eighths of an inch. On Thursday, Jack's gauge measured $\frac{2}{4}$ inches of rain. They both had the same amount of water, so what was the reading on Jill's gauge Thursday? Draw a number line to help explain your thinking.
5. Jack and Jill's baby brother Rosco also had a gauge the same size and shape on the same hill. He told Jack and Jill that there had been $\frac{1}{2}$ inch of rain on Thursday. Is he right? Why or why not? Use words and a number line to explain your answer.

A

Number Correct: _____

Multiply or Divide by 6

1.	$2 \times 6 =$	
2.	$3 \times 6 =$	
3.	$4 \times 6 =$	
4.	$5 \times 6 =$	
5.	$1 \times 6 =$	
6.	$12 \div 6 =$	
7.	$18 \div 6 =$	
8.	$30 \div 6 =$	
9.	$6 \div 6 =$	
10.	$24 \div 6 =$	
11.	$6 \times 6 =$	
12.	$7 \times 6 =$	
13.	$8 \times 6 =$	
14.	$9 \times 6 =$	
15.	$10 \times 6 =$	
16.	$48 \div 6 =$	
17.	$42 \div 6 =$	
18.	$54 \div 6 =$	
19.	$36 \div 6 =$	
20.	$60 \div 6 =$	
21.	$\underline{\quad} \times 6 = 30$	
22.	$\underline{\quad} \times 6 = 6$	

23.	$\underline{\quad} \times 6 = 60$	
24.	$\underline{\quad} \times 6 = 12$	
25.	$\underline{\quad} \times 6 = 18$	
26.	$60 \div 6 =$	
27.	$30 \div 6 =$	
28.	$6 \div 6 =$	
29.	$12 \div 6 =$	
30.	$18 \div 6 =$	
31.	$\underline{\quad} \times 6 = 36$	
32.	$\underline{\quad} \times 6 = 42$	
33.	$\underline{\quad} \times 6 = 54$	
34.	$\underline{\quad} \times 6 = 48$	
35.	$42 \div 6 =$	
36.	$54 \div 6 =$	
37.	$36 \div 6 =$	
38.	$48 \div 6 =$	
39.	$11 \times 6 =$	
40.	$66 \div 6 =$	
41.	$12 \times 6 =$	
42.	$72 \div 6 =$	
43.	$14 \times 6 =$	
44.	$84 \div 6 =$	

B

Number Correct: _____

Improvement: _____

Multiply or Divide by 6

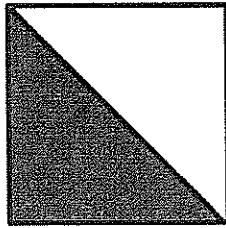
1.	$1 \times 6 =$	
2.	$2 \times 6 =$	
3.	$3 \times 6 =$	
4.	$4 \times 6 =$	
5.	$5 \times 6 =$	
6.	$18 \div 6 =$	
7.	$12 \div 6 =$	
8.	$24 \div 6 =$	
9.	$6 \div 6 =$	
10.	$30 \div 6 =$	
11.	$10 \times 6 =$	
12.	$6 \times 6 =$	
13.	$7 \times 6 =$	
14.	$8 \times 6 =$	
15.	$9 \times 6 =$	
16.	$42 \div 6 =$	
17.	$36 \div 6 =$	
18.	$48 \div 6 =$	
19.	$60 \div 6 =$	
20.	$54 \div 6 =$	
21.	$___ \times 6 = 6$	
22.	$___ \times 6 = 30$	

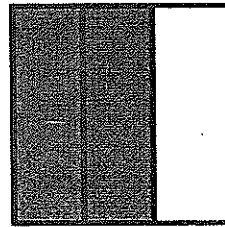
23.	$___ \times 6 = 12$	
24.	$___ \times 6 = 60$	
25.	$___ \times 6 = 18$	
26.	$12 \div 6 =$	
27.	$6 \div 6 =$	
28.	$60 \div 6 =$	
29.	$30 \div 6 =$	
30.	$18 \div 6 =$	
31.	$___ \times 6 = 18$	
32.	$___ \times 6 = 24$	
33.	$___ \times 6 = 54$	
34.	$___ \times 6 = 42$	
35.	$48 \div 6 =$	
36.	$54 \div 6 =$	
37.	$36 \div 6 =$	
38.	$42 \div 6 =$	
39.	$11 \times 6 =$	
40.	$66 \div 6 =$	
41.	$12 \times 6 =$	
42.	$72 \div 6 =$	
43.	$13 \times 6 =$	
44.	$78 \div 6 =$	

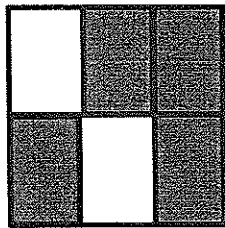
Name _____

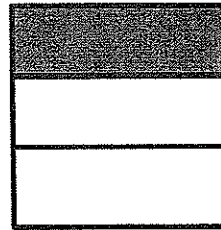
Date _____

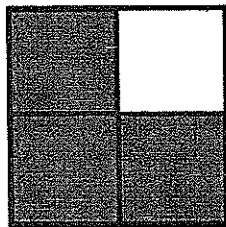
1. Write the shaded fraction of each figure on the blank. Then, draw a line to match the equivalent fractions.

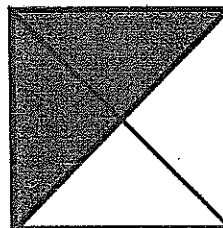


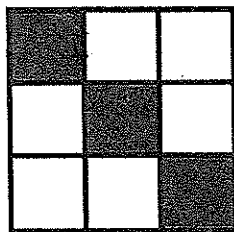


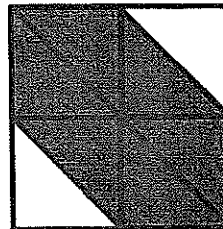




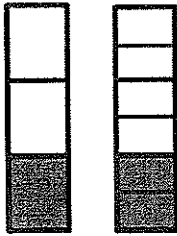




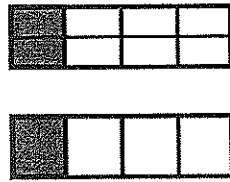




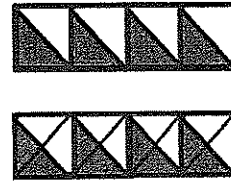
2. Write the missing parts of the fractions.



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



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



$$\frac{4}{8} = \frac{8}{\quad}$$

3. Why does it take 2 copies of $\frac{1}{8}$ to show the same amount as 1 copy of $\frac{1}{4}$? Explain your answer in words and pictures.

4. How many sixths does it take to make the same amount as $\frac{1}{3}$? Explain your answer in words and pictures.

5. Why does it take 10 copies of 1 sixth to make the same amount as 5 copies of 1 third? Explain your answer in words and pictures.

Number Correct: _____

A

Add by Six

1.	$0 + 6 =$	
2.	$1 + 6 =$	
3.	$2 + 6 =$	
4.	$3 + 6 =$	
5.	$4 + 6 =$	
6.	$6 + 4 =$	
7.	$6 + 3 =$	
8.	$6 + 2 =$	
9.	$6 + 1 =$	
10.	$6 + 0 =$	
11.	$15 + 6 =$	
12.	$25 + 6 =$	
13.	$35 + 6 =$	
14.	$45 + 6 =$	
15.	$55 + 6 =$	
16.	$85 + 6 =$	
17.	$6 + 6 =$	
18.	$16 + 6 =$	
19.	$26 + 6 =$	
20.	$36 + 6 =$	
21.	$46 + 6 =$	
22.	$76 + 6 =$	

23.	$7 + 6 =$	
24.	$17 + 6 =$	
25.	$27 + 6 =$	
26.	$37 + 6 =$	
27.	$47 + 6 =$	
28.	$77 + 6 =$	
29.	$8 + 6 =$	
30.	$18 + 6 =$	
31.	$28 + 6 =$	
32.	$38 + 6 =$	
33.	$48 + 6 =$	
34.	$78 + 6 =$	
35.	$9 + 6 =$	
36.	$19 + 6 =$	
37.	$29 + 6 =$	
38.	$39 + 6 =$	
39.	$89 + 6 =$	
40.	$6 + 75 =$	
41.	$6 + 56 =$	
42.	$6 + 77 =$	
43.	$6 + 88 =$	
44.	$6 + 99 =$	

B

Number Correct: _____

Improvement: _____

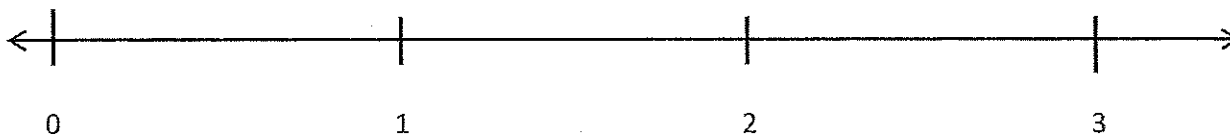
Add by Six

1.	$6 + 0 =$	
2.	$6 + 1 =$	
3.	$6 + 2 =$	
4.	$6 + 3 =$	
5.	$6 + 4 =$	
6.	$4 + 6 =$	
7.	$3 + 6 =$	
8.	$2 + 6 =$	
9.	$1 + 6 =$	
10.	$0 + 6 =$	
11.	$5 + 6 =$	
12.	$15 + 6 =$	
13.	$25 + 6 =$	
14.	$35 + 6 =$	
15.	$45 + 6 =$	
16.	$75 + 6 =$	
17.	$6 + 6 =$	
18.	$16 + 6 =$	
19.	$26 + 6 =$	
20.	$36 + 6 =$	
21.	$46 + 6 =$	
22.	$86 + 6 =$	

23.	$7 + 6 =$	
24.	$17 + 6 =$	
25.	$27 + 6 =$	
26.	$37 + 6 =$	
27.	$47 + 6 =$	
28.	$67 + 6 =$	
29.	$8 + 6 =$	
30.	$18 + 6 =$	
31.	$28 + 6 =$	
32.	$38 + 6 =$	
33.	$48 + 6 =$	
34.	$88 + 6 =$	
35.	$9 + 6 =$	
36.	$19 + 6 =$	
37.	$29 + 6 =$	
38.	$39 + 6 =$	
39.	$79 + 6 =$	
40.	$6 + 55 =$	
41.	$6 + 76 =$	
42.	$6 + 57 =$	
43.	$6 + 98 =$	
44.	$6 + 89 =$	

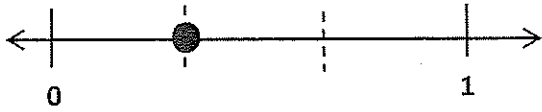
Name _____

Date _____

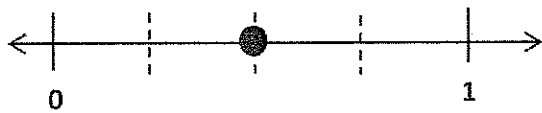


1. On the number line above, use a red colored pencil to divide each whole into fourths, and label each fraction above the line. Use a fraction strip to help you estimate, if necessary.
2. On the number line above, use a blue colored pencil to divide each whole into eighths, and label each fraction below the line. Refold your fraction strip from Problem 1 to help you estimate.
3. List the fractions that name the same place on the number line.
4. Using your number line to help, what red fraction and what blue fraction would be equal to $\frac{7}{2}$? Draw the part of the number line below that would include these fractions, and label it.

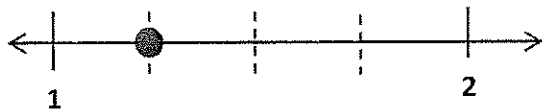
5. Write two different fractions for the dot on the number line. You may use halves, thirds, fourths, fifths, sixths, or eighths. Use fraction strips to help you, if necessary.



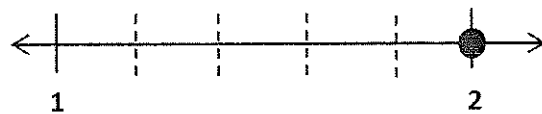
_____ = _____



_____ = _____



_____ = _____



_____ = _____

6. Cameron and Terrance plan to run in the city race on Saturday. Cameron has decided that he will divide his race into 3 equal parts and will stop to rest after running 2 of them. Terrance divides his race into 6 equal parts and will stop and rest after running 2 of them. Will the boys rest at the same spot in the race? Why or why not? Draw a number line to explain your answer.

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Number Correct: _____

A

Add by Seven

1.	$0 + 7 =$	
2.	$1 + 7 =$	
3.	$2 + 7 =$	
4.	$3 + 7 =$	
5.	$7 + 3 =$	
6.	$7 + 2 =$	
7.	$7 + 1 =$	
8.	$7 + 0 =$	
9.	$4 + 7 =$	
10.	$14 + 7 =$	
11.	$24 + 7 =$	
12.	$34 + 7 =$	
13.	$44 + 7 =$	
14.	$84 + 7 =$	
15.	$64 + 7 =$	
16.	$5 + 7 =$	
17.	$15 + 7 =$	
18.	$25 + 7 =$	
19.	$35 + 7 =$	
20.	$45 + 7 =$	
21.	$75 + 7 =$	
22.	$55 + 7 =$	

23.	$6 + 7 =$	
24.	$16 + 7 =$	
25.	$26 + 7 =$	
26.	$36 + 7 =$	
27.	$46 + 7 =$	
28.	$66 + 7 =$	
29.	$7 + 7 =$	
30.	$17 + 7 =$	
31.	$27 + 7 =$	
32.	$37 + 7 =$	
33.	$87 + 7 =$	
34.	$8 + 7 =$	
35.	$18 + 7 =$	
36.	$28 + 7 =$	
37.	$38 + 7 =$	
38.	$78 + 7 =$	
39.	$9 + 7 =$	
40.	$19 + 7 =$	
41.	$29 + 7 =$	
42.	$39 + 7 =$	
43.	$49 + 7 =$	
44.	$79 + 7 =$	

B

Number Correct: _____

Improvement: _____

Add by Seven

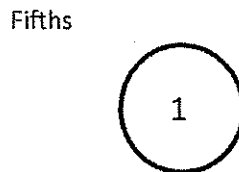
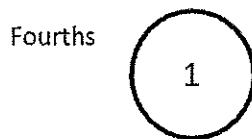
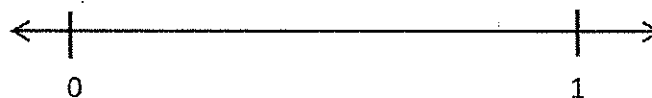
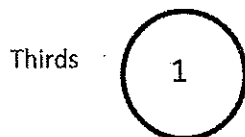
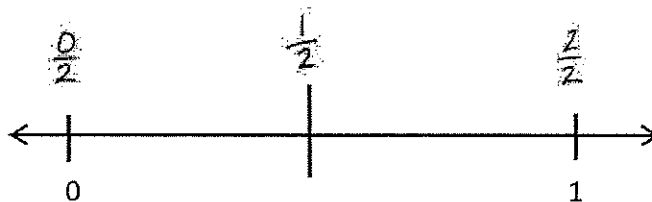
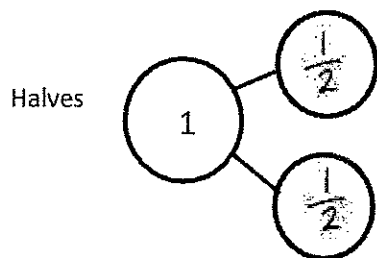
1.	$7 + 0 =$	
2.	$7 + 1 =$	
3.	$7 + 2 =$	
4.	$7 + 3 =$	
5.	$3 + 7 =$	
6.	$2 + 7 =$	
7.	$1 + 7 =$	
8.	$0 + 7 =$	
9.	$4 + 7 =$	
10.	$14 + 7 =$	
11.	$24 + 7 =$	
12.	$34 + 7 =$	
13.	$44 + 7 =$	
14.	$74 + 7 =$	
15.	$54 + 7 =$	
16.	$5 + 7 =$	
17.	$15 + 7 =$	
18.	$25 + 7 =$	
19.	$35 + 7 =$	
20.	$45 + 7 =$	
21.	$85 + 7 =$	
22.	$65 + 7 =$	

23.	$6 + 7 =$	
24.	$16 + 7 =$	
25.	$26 + 7 =$	
26.	$36 + 7 =$	
27.	$46 + 7 =$	
28.	$76 + 7 =$	
29.	$7 + 7 =$	
30.	$17 + 7 =$	
31.	$27 + 7 =$	
32.	$37 + 7 =$	
33.	$67 + 7 =$	
34.	$8 + 7 =$	
35.	$18 + 7 =$	
36.	$28 + 7 =$	
37.	$38 + 7 =$	
38.	$88 + 7 =$	
39.	$9 + 7 =$	
40.	$19 + 7 =$	
41.	$29 + 7 =$	
42.	$39 + 7 =$	
43.	$49 + 7 =$	
44.	$89 + 7 =$	

Name _____

Date _____

1. Complete the number bond as indicated by the fractional unit. Partition the number line into the given fractional unit, and label the fractions. Rename 0 and 1 as fractions of the given unit. The first one is done for you.



Number Correct: _____

A

Add by Eight

1.	$0 + 8 =$	
2.	$1 + 8 =$	
3.	$2 + 8 =$	
4.	$8 + 2 =$	
5.	$1 + 8 =$	
6.	$0 + 8 =$	
7.	$3 + 8 =$	
8.	$13 + 8 =$	
9.	$23 + 8 =$	
10.	$33 + 8 =$	
11.	$43 + 8 =$	
12.	$83 + 8 =$	
13.	$4 + 8 =$	
14.	$14 + 8 =$	
15.	$24 + 8 =$	
16.	$34 + 8 =$	
17.	$44 + 8 =$	
18.	$74 + 8 =$	
19.	$5 + 8 =$	
20.	$15 + 8 =$	
21.	$25 + 8 =$	
22.	$35 + 8 =$	

23.	$65 + 8 =$	
24.	$6 + 8 =$	
25.	$16 + 8 =$	
26.	$26 + 8 =$	
27.	$36 + 8 =$	
28.	$86 + 8 =$	
29.	$46 + 8 =$	
30.	$7 + 8 =$	
31.	$17 + 8 =$	
32.	$27 + 8 =$	
33.	$37 + 8 =$	
34.	$77 + 8 =$	
35.	$8 + 8 =$	
36.	$18 + 8 =$	
37.	$28 + 8 =$	
38.	$38 + 8 =$	
39.	$68 + 8 =$	
40.	$9 + 8 =$	
41.	$19 + 8 =$	
42.	$29 + 8 =$	
43.	$39 + 8 =$	
44.	$89 + 8 =$	

B

Number Correct: _____

Improvement: _____

Add by Eight

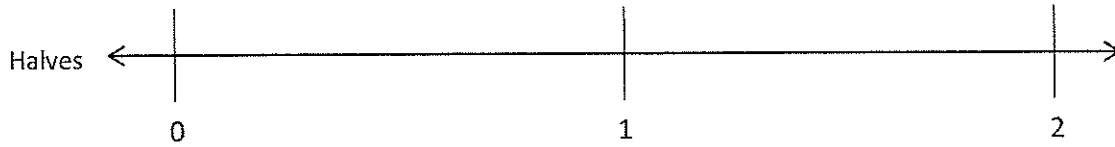
1.	$8 + 0 =$	
2.	$8 + 1 =$	
3.	$8 + 2 =$	
4.	$2 + 8 =$	
5.	$1 + 8 =$	
6.	$0 + 8 =$	
7.	$3 + 8 =$	
8.	$13 + 8 =$	
9.	$23 + 8 =$	
10.	$33 + 8 =$	
11.	$43 + 8 =$	
12.	$73 + 8 =$	
13.	$4 + 8 =$	
14.	$14 + 8 =$	
15.	$24 + 8 =$	
16.	$34 + 8 =$	
17.	$44 + 8 =$	
18.	$84 + 8 =$	
19.	$5 + 8 =$	
20.	$15 + 8 =$	
21.	$25 + 8 =$	
22.	$35 + 8 =$	

23.	$55 + 8 =$	
24.	$6 + 8 =$	
25.	$16 + 8 =$	
26.	$26 + 8 =$	
27.	$36 + 8 =$	
28.	$66 + 8 =$	
29.	$56 + 8 =$	
30.	$7 + 8 =$	
31.	$17 + 8 =$	
32.	$27 + 8 =$	
33.	$37 + 8 =$	
34.	$67 + 8 =$	
35.	$8 + 8 =$	
36.	$18 + 8 =$	
37.	$28 + 8 =$	
38.	$38 + 8 =$	
39.	$78 + 8 =$	
40.	$9 + 8 =$	
41.	$19 + 8 =$	
42.	$29 + 8 =$	
43.	$39 + 8 =$	
44.	$89 + 8 =$	

Name _____

Date _____

1. Partition the number line to show the fractional units. Then, draw number bonds using copies of 1 whole for the circled whole numbers.



0 = ____ halves

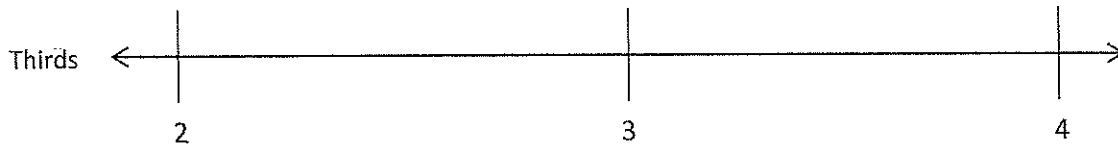
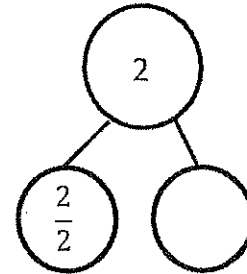
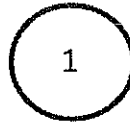
1 = ____ halves

2 = ____ halves

$0 = \frac{\square}{2}$

$1 = \frac{\square}{2}$

$2 = \frac{4}{2}$



2 = ____ thirds

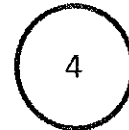
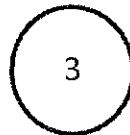
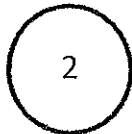
3 = ____ thirds

4 = ____ thirds

$2 = \frac{\square}{3}$

$3 = \frac{\square}{3}$

$4 = \frac{\square}{3}$



2. Write the fractions that name the whole numbers for each fractional unit. The first one has been done.



Halves	$\frac{4}{2}$	$\frac{6}{2}$	$\frac{8}{2}$
Thirds			
Fourths			
Sixths			

3. Sammy uses $\frac{1}{4}$ meter of wire each day to make things.
- Draw a number line to represent 1 meter of wire. Partition the number line to represent how much Sammy uses each day. How many days does the wire last?
 - How many days will 3 meters of wire last?
4. Cindy feeds her dog $\frac{1}{3}$ pound of food each day.
- Draw a number line to represent 1 pound of food. Partition the number line to represent how much food she uses each day.
 - Draw another number line to represent 4 pounds of food. After 3 days, how many pounds of food has she given her dog?
 - After 6 days, how many pounds of food has she given her dog?

Number Correct: _____

A

Subtract by Seven

1.	$17 - 7 =$	
2.	$7 - 7 =$	
3.	$27 - 7 =$	
4.	$8 - 7 =$	
5.	$18 - 7 =$	
6.	$38 - 7 =$	
7.	$9 - 7 =$	
8.	$19 - 7 =$	
9.	$49 - 7 =$	
10.	$10 - 7 =$	
11.	$20 - 7 =$	
12.	$60 - 7 =$	
13.	$11 - 7 =$	
14.	$21 - 7 =$	
15.	$71 - 7 =$	
16.	$12 - 7 =$	
17.	$22 - 7 =$	
18.	$82 - 7 =$	
19.	$13 - 7 =$	
20.	$23 - 7 =$	
21.	$83 - 7 =$	
22.	$14 - 7 =$	

23.	$24 - 7 =$	
24.	$34 - 7 =$	
25.	$64 - 7 =$	
26.	$84 - 7 =$	
27.	$15 - 7 =$	
28.	$25 - 7 =$	
29.	$35 - 7 =$	
30.	$75 - 7 =$	
31.	$55 - 7 =$	
32.	$16 - 7 =$	
33.	$26 - 7 =$	
34.	$36 - 7 =$	
35.	$86 - 7 =$	
36.	$66 - 7 =$	
37.	$90 - 7 =$	
38.	$53 - 7 =$	
39.	$42 - 7 =$	
40.	$71 - 7 =$	
41.	$74 - 7 =$	
42.	$56 - 7 =$	
43.	$95 - 7 =$	
44.	$92 - 7 =$	

B

Number Correct: _____

Improvement: _____

Subtract by Seven

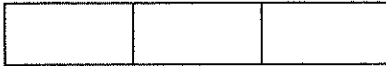
1.	$7 - 7 =$	
2.	$17 - 7 =$	
3.	$27 - 7 =$	
4.	$8 - 7 =$	
5.	$18 - 7 =$	
6.	$68 - 7 =$	
7.	$9 - 7 =$	
8.	$19 - 7 =$	
9.	$79 - 7 =$	
10.	$10 - 7 =$	
11.	$20 - 7 =$	
12.	$90 - 7 =$	
13.	$11 - 7 =$	
14.	$21 - 7 =$	
15.	$91 - 7 =$	
16.	$12 - 7 =$	
17.	$22 - 7 =$	
18.	$42 - 7 =$	
19.	$13 - 7 =$	
20.	$23 - 7 =$	
21.	$43 - 7 =$	
22.	$14 - 7 =$	

23.	$24 - 7 =$	
24.	$34 - 7 =$	
25.	$54 - 7 =$	
26.	$74 - 7 =$	
27.	$15 - 7 =$	
28.	$25 - 7 =$	
29.	$35 - 7 =$	
30.	$65 - 7 =$	
31.	$45 - 7 =$	
32.	$16 - 7 =$	
33.	$26 - 7 =$	
34.	$36 - 7 =$	
35.	$76 - 7 =$	
36.	$56 - 7 =$	
37.	$70 - 7 =$	
38.	$63 - 7 =$	
39.	$52 - 7 =$	
40.	$81 - 7 =$	
41.	$74 - 7 =$	
42.	$66 - 7 =$	
43.	$85 - 7 =$	
44.	$52 - 7 =$	

Name _____

Date _____

1. Use the pictures to model equivalent fractions. Fill in the blanks, and answer the questions.



4 sixths is equal to _____ thirds.

$$\frac{4}{6} = \frac{\square}{3}$$

The whole stays the same.

What happened to the size of the equal parts when there were fewer equal parts?

What happened to the number of equal parts when the equal parts became larger?



1 half is equal to _____ eighths.

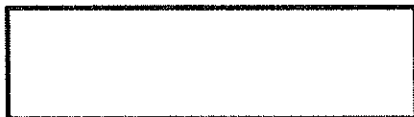
$$\frac{1}{2} = \frac{\square}{8}$$

The whole stays the same.

What happened to the size of the equal parts when there were more equal parts?

What happened to the number of equal parts when the equal parts became smaller?

2. 6 friends want to share 3 chocolate bars that are all the same size, which are represented by the 3 rectangles below. When the bars are unwrapped, the friends notice that the first chocolate bar is cut into 2 equal parts, the second is cut into 4 equal parts, and the third is cut into 6 equal parts. How can the 6 friends share the chocolate bars equally without breaking any of the pieces?



3. When the whole is the same, why does it take 6 copies of $\frac{1}{8}$ to equal 3 copies of $\frac{1}{4}$? Draw a model to support your answer.
4. When the whole is the same, how many sixths does it take to equal $\frac{1}{3}$? Draw a model to support your answer.
5. You have a magic wand that doubles the number of equal parts but keeps the whole the same size. Use your magic wand. In the space below, draw to show what happens to a rectangle that is partitioned in fourths after you tap it with your wand. Use words and numbers to explain what happened.



Number Correct: _____

A

Subtract by Eight

1.	$18 - 8 =$	
2.	$8 - 8 =$	
3.	$28 - 8 =$	
4.	$9 - 8 =$	
5.	$19 - 8 =$	
6.	$39 - 8 =$	
7.	$10 - 8 =$	
8.	$20 - 8 =$	
9.	$50 - 8 =$	
10.	$11 - 8 =$	
11.	$21 - 8 =$	
12.	$71 - 8 =$	
13.	$12 - 8 =$	
14.	$22 - 8 =$	
15.	$82 - 8 =$	
16.	$13 - 8 =$	
17.	$23 - 8 =$	
18.	$83 - 8 =$	
19.	$14 - 8 =$	
20.	$24 - 8 =$	
21.	$34 - 8 =$	
22.	$54 - 8 =$	

23.	$74 - 8 =$	
24.	$15 - 8 =$	
25.	$25 - 8 =$	
26.	$35 - 8 =$	
27.	$85 - 8 =$	
28.	$65 - 8 =$	
29.	$16 - 8 =$	
30.	$26 - 8 =$	
31.	$36 - 8 =$	
32.	$96 - 8 =$	
33.	$76 - 8 =$	
34.	$17 - 8 =$	
35.	$27 - 8 =$	
36.	$37 - 8 =$	
37.	$87 - 8 =$	
38.	$67 - 8 =$	
39.	$70 - 8 =$	
40.	$62 - 8 =$	
41.	$84 - 8 =$	
42.	$66 - 8 =$	
43.	$91 - 8 =$	
44.	$75 - 8 =$	

B

Number Correct: _____

Improvement: _____

Subtract by Eight

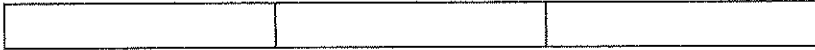

1.	$8 - 8 =$	
2.	$18 - 8 =$	
3.	$28 - 8 =$	
4.	$9 - 8 =$	
5.	$19 - 8 =$	
6.	$69 - 8 =$	
7.	$10 - 8 =$	
8.	$20 - 8 =$	
9.	$60 - 8 =$	
10.	$11 - 8 =$	
11.	$21 - 8 =$	
12.	$81 - 8 =$	
13.	$12 - 8 =$	
14.	$22 - 8 =$	
15.	$52 - 8 =$	
16.	$13 - 8 =$	
17.	$23 - 8 =$	
18.	$93 - 8 =$	
19.	$14 - 8 =$	
20.	$24 - 8 =$	
21.	$34 - 8 =$	
22.	$74 - 8 =$	

23.	$94 - 8 =$	
24.	$15 - 8 =$	
25.	$25 - 8 =$	
26.	$35 - 8 =$	
27.	$95 - 8 =$	
28.	$75 - 8 =$	
29.	$16 - 8 =$	
30.	$26 - 8 =$	
31.	$36 - 8 =$	
32.	$66 - 8 =$	
33.	$46 - 8 =$	
34.	$17 - 8 =$	
35.	$27 - 8 =$	
36.	$37 - 8 =$	
37.	$97 - 8 =$	
38.	$77 - 8 =$	
39.	$80 - 8 =$	
40.	$71 - 8 =$	
41.	$53 - 8 =$	
42.	$45 - 8 =$	
43.	$87 - 8 =$	
44.	$54 - 8 =$	

Name _____

Date _____

Shade the models to compare the fractions. Circle the larger fraction for each problem.

1. 2 fifths 2 thirds 2. 2 tenths 2 eighths 3. 3 fourths 3 eighths 4. 4 eighths 4 sixths 5. 3 thirds 3 sixths 

6. After softball, Leslie and Kelly each buy a half-liter bottle of water. Leslie drinks $\frac{3}{4}$ of her water. Kelly drinks $\frac{3}{5}$ of her water. Who drinks the least amount of water? Draw a picture to support your answer.
7. Becky and Malory get matching piggy banks. Becky fills $\frac{2}{3}$ of her piggy bank with pennies. Malory fills $\frac{2}{4}$ of her piggy bank with pennies. Whose piggy bank has more pennies? Draw a picture to support your answer.
8. Heidi lines up her dolls in order from shortest to tallest. Doll A is $\frac{2}{4}$ foot tall, Doll B is $\frac{2}{6}$ foot tall, and Doll C is $\frac{2}{3}$ foot tall. Compare the heights of the dolls to show how Heidi puts them in order. Draw a picture to support your answer.

Multiply.

$8 \times 1 = \underline{\quad}$ $8 \times 2 = \underline{\quad}$ $8 \times 3 = \underline{\quad}$ $8 \times 4 = \underline{\quad}$

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

$8 \times 9 = \underline{\quad}$ $8 \times 10 = \underline{\quad}$ $8 \times 5 = \underline{\quad}$ $8 \times 6 = \underline{\quad}$

$8 \times 5 = \underline{\quad}$ $8 \times 7 = \underline{\quad}$ $8 \times 5 = \underline{\quad}$ $8 \times 8 = \underline{\quad}$

$8 \times 5 = \underline{\quad}$ $8 \times 9 = \underline{\quad}$ $8 \times 5 = \underline{\quad}$ $8 \times 10 = \underline{\quad}$

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

$8 \times 6 = \underline{\quad}$ $8 \times 8 = \underline{\quad}$ $8 \times 6 = \underline{\quad}$ $8 \times 9 = \underline{\quad}$

$8 \times 6 = \underline{\quad}$ $8 \times 7 = \underline{\quad}$ $8 \times 6 = \underline{\quad}$ $8 \times 7 = \underline{\quad}$

$8 \times 8 = \underline{\quad}$ $8 \times 7 = \underline{\quad}$ $8 \times 9 = \underline{\quad}$ $8 \times 7 = \underline{\quad}$

$8 \times 8 = \underline{\quad}$ $8 \times 6 = \underline{\quad}$ $8 \times 8 = \underline{\quad}$ $8 \times 7 = \underline{\quad}$

$8 \times 8 = \underline{\quad}$ $8 \times 9 = \underline{\quad}$ $8 \times 9 = \underline{\quad}$ $8 \times 6 = \underline{\quad}$

$8 \times 9 = \underline{\quad}$ $8 \times 7 = \underline{\quad}$ $8 \times 9 = \underline{\quad}$ $8 \times 8 = \underline{\quad}$

$8 \times 9 = \underline{\quad}$ $8 \times 8 = \underline{\quad}$ $8 \times 6 = \underline{\quad}$ $8 \times 9 = \underline{\quad}$

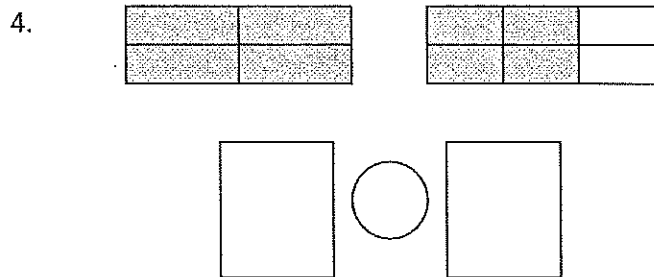
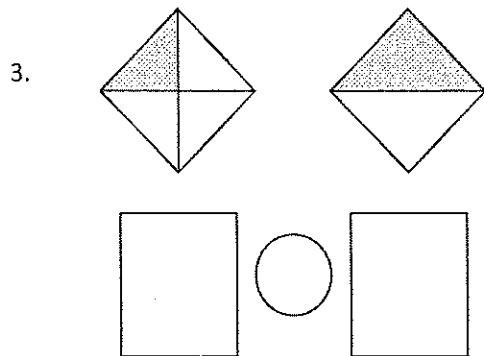
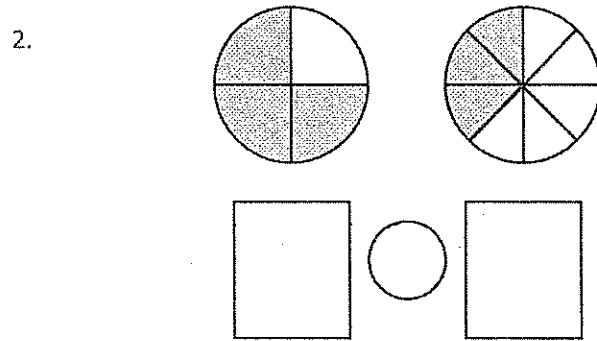
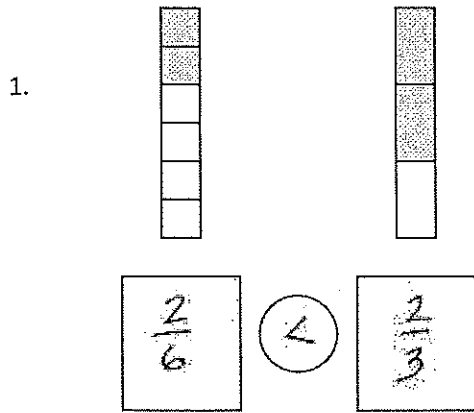
$8 \times 7 = \underline{\quad}$ $8 \times 9 = \underline{\quad}$ $8 \times 6 = \underline{\quad}$ $8 \times 8 = \underline{\quad}$

$8 \times 9 = \underline{\quad}$ $8 \times 7 = \underline{\quad}$ $8 \times 6 = \underline{\quad}$ $8 \times 8 = \underline{\quad}$

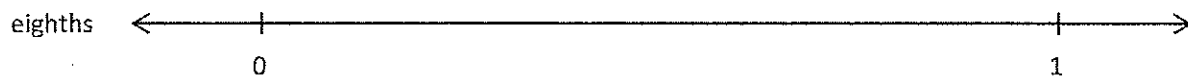
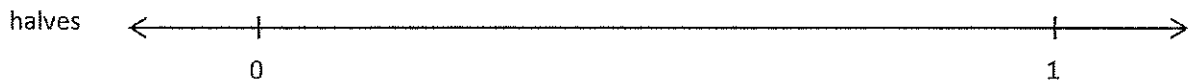
multiply by 8 (5–9)

Name _____ Date _____


Label each shaded fraction. Use $>$, $<$, or $=$ to compare. The first one has been done for you.




5. Partition each number line into the units labeled on the left. Then, use the number lines to compare the fractions.



a. $\frac{3}{8}$  $\frac{3}{4}$

b. $\frac{4}{4}$  $\frac{4}{8}$

c. $\frac{2}{4}$  $\frac{2}{8}$

Draw your own model to compare the following fractions.

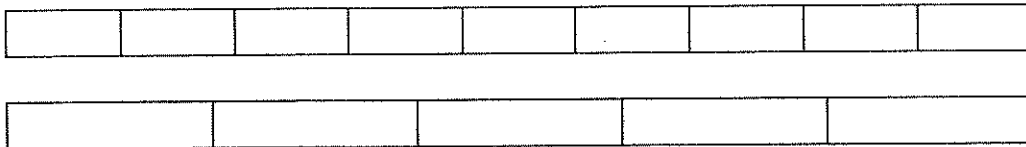
6. $\frac{3}{10}$ ○ $\frac{3}{5}$

7. $\frac{2}{6}$ ○ $\frac{2}{8}$

8. John ran $\frac{2}{3}$ of a kilometer after school. Nicholas ran $\frac{2}{5}$ of a kilometer after school. Who ran the shorter distance? Use the model below to support your answer. Be sure to label 1 whole as 1 kilometer.



9. Erica ate $\frac{2}{9}$ of a licorice stick. Robbie ate $\frac{2}{5}$ of an identical licorice stick. Who ate more? Use the model below to support your answer.



Dear Parents,

This is our Phase 2 of "online" homeschooling. We've included both math, reading, grammar review, and Social Studies Weekly (newspapers).

Directions:

Reading Passages: Shark Week/Learning to Stand up; Goldie Seals the Win/ Bad News Bears; Rocky Mountains/ Appalachian Mountains; The Long Nile/ The Amazing Amazon

These passages are a set; 1 for each week. The student is to read the passage, then answer the questions that go with the passage. The answers are in the text. Students MUST write in complete sentences with a capital letter, and punctuation. There is also an Extended Response writing they are to do using evidence from BOTH texts. There is one set for each week.

Example Week:

Monday/Tuesday: Read Shark Week and answer questions in complete sentences.

Wednesday/Thursday: Read Learning to Stand Up and answer questions in complete sentences

Friday: Write Extended Response PARAGRAPH with main idea and supporting evidence using the evidence from BOTH passages. Make sure there are MANY sentences that answer the question.

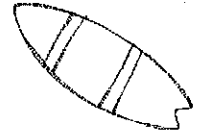
Fluency: This is a timed passage working on word recognition. The student is to read the passage 3 times for 1 minute each, every single day. The goal is to improve and read smoothly NOT rush it! There are also questions in addition. Please answer in COMPLETE SENTENCES WITH TEXT EVIDENCE!

Grammar Review: There is a paper Week 1, Week 2, Week 3, Week 4 on the side with Monday, Tuesday, Wednesday, etc. The student is to answer the questions each day. One each day. It reviews all of the grammar we've taught. If they don't remember something, they may look it up on Brainpop Jr. It is in Clever; search the topic. Example: search adjective. It'll show them a video and help them remember.

If you have any questions, feel free to contact us. Each teacher has his/her office hours when we are available.

Thank you,
Jen Cantrell
Meghan Keck
Brent Lee

Shark Week

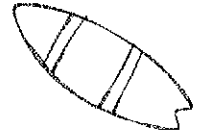


It's all my dad's fault. He thought it would be fun to watch Shark Week shows together as a family. My older brother agreed. My mom even made special shark teeth snacks to eat while we watched. I was excited to watch the shows too, especially since they let me stay up a bit past my bedtime. Shark Week was last week. This week is our beach vacation, and I think we all know what big fish with a fin lives in the ocean.

I am not sure what my family expected. They seem to be surprised that I will not go into the water. My dad has tried to convince me to go in. My brother has tried to make fun of me for staying on the beach. My mom keeps apologizing to me for Shark Week. But I'm holding my ground. They aren't going to get me into that ocean no matter what tricks they try.

I don't want to get eaten by a shark. Besides, I am also having plenty of fun on the beach. I've collected 67 seashells. I've built a huge sandcastle, complete with a moat. I dug a hole big enough for me to sit in. Best of all, I buried my mom in the sand. She looked just like a mermaid. My family thinks it is sad that I am not in the ocean. I think they feel like I am not having a good time. But I am having a great time in the sand, and I am not getting eaten by a shark. This is the best of both worlds, I think.

Shark Week



1. Why was the child excited to watch Shark Week?

2. Why wouldn't the child get into the ocean water?

3. How was the child able to have fun at the beach?

4. Why was the child's family sad?

Learning to Stand Up



My name is Jack. I am from Chicago. In the summer, I like to spend time at the Lake Michigan beach in our city. I build sand castles in the sand and swim in the cold water.

A few weeks ago, I invited my friend Sam to come with my family to the beach for the day. He met us there with his paddleboard.

Sam has had his paddleboard for a few weeks. His dad found one for sale and they share it. A paddleboard is like a big surfboard. You can stand on it and paddle yourself around in the water with a giant paddle. I was excited that Sam brought it because I have never tried it before. I'm a great swimmer, and I love the water. How hard could paddleboarding be?

After trying out the paddleboard a few times, I found out that it is much harder than I expected. Every time I tried to stand up, I fell down into the water. Sam suggested that I try kneeling on the board first. Kneeling and paddling was still hard, but it was much easier than trying to stand.

Sam and I took turns with the board all afternoon. I practiced kneeling and paddling a lot. I got good at it and started thinking about standing up again. I finally was able to stand up without falling, but once I started to paddle I lost my balance and splashed in the water. Sam told me not to give up. He reminded me that he had to practice a lot at the beginning too.

Finally, right before it was time to go home, I stood up and paddled for a few minutes! I was proud of myself for practicing on the board all afternoon. I hope that Sam brings his board the next time we meet at the beach.

Learning to Stand Up



1. Where does Jack like to spend time during the summer?

2. What is a paddle board, and how do you use it?

3. Why was paddle boarding harder than Jack expected?

4. Do you think Jack will become good at paddle boarding? Why or why not?

Goldie Seals the Win



You are never going to believe this. Our team actually won our football game this afternoon! Our team, The Panthers, have not won a single game this season. Until today, that is. We beat The Bears with a score of 6 to 0. We beat them fair and square, and with a little help from a dog named Goldie.

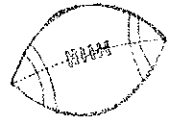
Goldie is the dog of the coach of The Bears. His name is Coach Steve, and he is Brayden's dad. Coach Steve is also our PE teacher in the 3rd grade. He brings his dog to every football game. Goldie sits near the bench. Her leash is tied around the bench's leg. Goldie loves to chase footballs. We knew this because we share a practice field with The Bears. Every practice, Goldie tries to run and catch the footballs. Every practice, she can't because she is tied to the bench leg.

Today at our game, though, Goldie got loose. It happened in the last few minutes of the game. The score was tied zero to zero. The Bears had the ball. They tried to pass, but all of a sudden, Goldie was running to catch the ball! Coach Steve was yelling her name. The Bears were yelling her name. No one was paying attention to the football at all.

But we were. The Bears were running after Goldie. The Panthers were running after the football. The Panthers scooped up the football and ran it in for a touchdown. The Bears were still chasing Goldie while The Panthers were doing our celebration dance in the end zone. Panthers win!

I think that The Bears are mad that we won. I think that Goldie won't be coming to any more football games this season. I also think that it feels really good to win a game for once, even if we have Goldie to thank.

Goldie Seals the Win



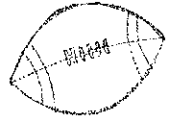
1. Why was the child surprised to win the game?

2. Who is Goldie, and why was she at the game?

3. How did Goldie help the Panthers win?

4. Who is the speaker? How do you know?

Bad News Bears



I don't know how we lost this game. The Panthers are the worst team in the football league. They haven't even won a single game. Until today, when they beat us. My team, The Bears, have been in first place all year. Our coach is my dad and our PE teacher. He used to play football in college. We practice different plays and no other team has ever beat us. Until today. And it was all my fault.

My dad and I bring our dog Goldie to every practice and game. She has been coming to football games since she was just a puppy. Our family thinks that she is our good luck charm because we have never lost a game with her on the bench. She is a good dog, but she does try to run and grab the footballs.

Today, at the game, I was having a bad day. It seemed like I could not catch the ball at all. I was grumpy and said something mean to my dad during the game. He took me out of the game and made me sit on the bench. The score was still zero to zero and there were only a few minutes left in the game. I was really mad that he sat me on the bench. I thought that I should have been out on the field trying to score.

Goldie was on the bench beside me. She was barking and wanting to catch the football. I figured that since I couldn't catch a football, maybe she could. So I untied her and she went flying into the field. My dad was yelling for her, the rest of The Bears were yelling for her. I thought it was funny.

But then, I looked over on the football field and noticed that The Panthers were still playing. They weren't chasing or yelling at Goldie. The Panthers were running the ball for a touchdown. I tried to get my dad's attention to show him what was happening, but he was too busy trying to grab Goldie.

The Panthers won the game, six to zero. All because I let my grumpy attitude get the best of me.

Bad News Bears



1. Who is the Bear's coach?

2. Why does Goldie's family bring her to all of the football games?

3. Why was the speaker taken out of the game?

4. Why did the child untie Goldie?

Paired Comprehension



Compare and contrast the Panthers and the Bears.

Goldie is an important character in both stories. Explain how she impacted both teams.

Rocky Mountains



The Rocky Mountains are in the western part of North America. The mountains go from Canada all the way down through 7 states in America. The highest mountain peak in the Rockies is in Colorado. It is Mount Elbert and is over 14,000 feet high.

The Rocky Mountains are protected by National Park status. This means that companies or homes cannot destroy the mountains or area by construction or other damage. Since the Rockies are protected, it is a great place for hikers, bikers, explorers, and even skiers. Many people love to explore the glaciers, paths, and trails in the mountains.

The Rocky Mountains are also a habitat for interesting animals that you might not normally see in your neighborhood. Since it is a protected national park, endangered creatures can be safe there. Animals like the Canada Lynx and Whooping Crane can find a safe place to live and have babies. Not all the animals in the Rocky Mountains are endangered though. Other animals like moose, grizzly bears, wolverines, and mountain lions live in the Rocky Mountains as well.

Rocky Mountains



1. In what part of the United States are the Rocky Mountains?

2. What is the highest mountain peak in the Rocky Mountains?

3. Why are the Rocky Mountains a great place for hikers?

4. What animals could you find in the Rocky Mountains?

Appalachian Mountains

Stretching along the eastern portion of North America, the Appalachian Mountains are believed to be 480 million years old. The mountain range goes from Canada all the way to the state of Georgia in America. While the highest peak is not as high as the Rocky Mountains, some scientists think that the Appalachians were once much higher before they eroded. Now, the highest peak in the mountain chain is called Mount Mitchell. It is over 6,000 feet high.

For settlers that came to America, the Appalachian Mountains were the reason that exploration further west was so difficult. The mountains seemed like an impossible obstacle to cross. Now, hikers love the Appalachian Mountain trails. In fact, there is a large trail, called the Appalachian Trail, hikers especially love. The trail is over 2,000 miles long and runs most of the mountain system. Many people have hiked the entire trail at once.

The Appalachian Mountains are home to a diverse group of animals. Black bears, moose, and porcupines call parts of the Appalachian Mountains home. Hikers also often see wild horses and ponies that thrive in the environment as well.

Paired Comprehension



Would you rather hike in the Rocky Mountains or the Appalachian Mountains? Why? Explain your answer with text evidence.

Why do you think the Rocky Mountains and Appalachian Mountains are home for different types of animals? Explain your thoughts with text evidence.

The Long Nile



The Nile River is the longest in the whole world. It is more than 4,000 miles long and travels through ten countries in the continent of Africa. The Nile River is so long that it would take you almost 3 days, without stopping to eat or sleep, to drive the distance! A little over ten years ago, the first ever expedition to navigate the full distance of the Nile River set sail. It took the team four and a half months to travel the full distance on the river.

The Nile River is an important part of Africa's ecosystem. For Egypt especially, the Nile brings much needed moisture and nourishment to an otherwise sandy and dry desert area. Long ago, the ancient Egyptians settled near the Nile River, using the water to plant and nurture crops for the area. Even today, people along the Nile rely on its water supply to keep things growing.

The Nile is also home to many interesting creatures. Besides crocodiles and softshell turtles, you can also find giant vundu catfish which have adapted the skill of breathing oxygen so that it can live outside of water for extended periods of time. Large monitor lizards called Nile Monitors also patrol the waters. They are giants, the second largest creature in the Nile, and are the closest relative to the mosasaur, the fearsome sea dinosaur.

The Long Nile



1. How long is the Nile River?

2. In which continent is the Nile River located?

3. How is the Nile River an important part of its ecosystem?

4. What lizard lives in the Nile River?

The Amazing Amazon



The Amazon River flows through South America, going through 7 countries. It is a long river, but can also become extremely wide during rainy seasons. In fact, wet seasons usually cause the Amazon to be about 120 miles wide. Less than ten years ago, a man named Martin Strel decided to swim the entire Amazon River. He swam for up to ten hours per day and it took him 66 days to go from beginning to end!

The Amazon River is very important to the rainforest it runs through. Not only does it offer the needed water to support such a diverse ecosystem, it also supplies the world's oceans with more fresh water than any other river on Earth. The Amazon also offers an important benefit in the relatively undeveloped rainforest - transportation. Many towns are only accessible from the river, not a road.

The Amazon River is also home to many interesting and scary creatures. Fish like the pirarucu love the Amazon because there are plenty of fish to eat. The pirarucu is especially dangerous, with teeth on the roof of its mouth and on its tongue! The danger doesn't stop there. Electric eels, anaconda, piranhas, and poisonous frogs also call the Amazon home.

The Amazing Amazon



1. In which continent is the Amazon River located?

2. Who swam the entire Amazon River?

3. How is the Amazon River important to the rainforest?

4. What scary creatures live in the Amazon River?

pollution

Pollution means any dirtying of air, soil, or water. There are 11
four different types of pollution. Air pollution is caused when 21
harmful gases go into the air. The smoke released from 31
burning fuel, factories, and cars are major sources of air 41
pollution. Air pollution is one of the major causes of coughs, 52
asthma, and burning eyes. Water pollution is caused when 61
dirty water drains through the pipes into rivers and oceans 71
dirtying the water. Chemicals from factories sometimes drain 79
into rivers. There are many diseases you can get from 89
drinking polluted water. Land pollution is caused when 97
garbage is thrown on the ground. This can also cause 107
diseases. The fourth type of pollution is noise pollution. That 118
is when music or other noise is too loud. 126

- What are four types of pollution?
- How is land pollution caused?
- What does air pollution cause?

Number of Words Read	Monday	Tuesday	Wednesday	Thursday
1 st Attempt				
2 nd Attempt				
3 rd Attempt				

Pollution

Answer each question in a complete sentence. Underline or highlight where you located the answer in the text.

1. What is pollution? _____

2. What are four types of pollution? _____

3. What is a major cause of asthma? _____

4. What is noise pollution? _____

5. In an opinion paragraph, describe what type of pollution you believe is most harmful to your community.

rocks

A rock is made of two or more minerals. Rocks are 11
constantly changing, because after they form, they wear 19
down and then form again. This process is called the rock 30
cycle. Rocks are named by how they are formed. There 40
are three types of rocks. Igneous rocks are formed when 50
volcanoes erupt and magma flows to the earth's surface. 59
New rocks can also be made from weathering and erosion. 69
Rain, wind, and running water cause rocks to break down a 80
little bit at a time. These rock pieces fall to the bottom of 93
the lake or oceans they run into. Over time the layers of 105
sand and mud at the bottom of lakes and oceans turn into 117
sedimentary rocks. Metamorphic rocks are rocks that have 125
changed because of heat and pressure. 131

- Name the three types of rocks.
- How are rocks named?
- How are igneous rocks formed?
- How are sedimentary rocks formed?
- How are metamorphic rocks formed?

Number of Words Read	Monday	Tuesday	Wednesday	Thursday
1 st Attempt				
2 nd Attempt				
3 rd Attempt				

Rocks

Answer each question in a complete sentence. Underline or highlight where you located the answer in the text.

1. Why are rocks constantly changing? _____

2. How are rocks named? _____

3. What are igneous rocks? _____

4. How are sedimentary rocks formed? _____

5. Write a paragraph to describe how one type of rock can change to a different type of rock.

minerals

Minerals are very interesting and are lots of fun to learn 11
about. They are a solid and have never been alive. Minerals 22
were formed in nature. We identify or name minerals by their 33
properties. One property that we look at is how hard a 44
mineral is. When we test or measure a mineral's hardness 54
that is called a scratch test. The hardest mineral is a 65
diamond, and the softest mineral is talc. We use a streak 76
test to help identify minerals. In a streak test, we rub a 88
mineral on an unglazed, white tile and see what color streak 99
it leaves behind. Luster is the reflection of light from a 110
mineral. Minerals with a lot of luster look shiny. Sometimes 120
minerals are the same color, which is why we often cannot 131
use color to identify minerals. 136

- What are minerals?
- How do we measure hardness?
- What is luster?
- Why is color not always a good way to identify minerals?

Number of Words Read	Monday	Tuesday	Wednesday	Thursday
1 st Attempt				
2 nd Attempt				
3 rd Attempt				

Minerals

Answer each question in a complete sentence. Underline or highlight where you located the answer in the text.

1. What are minerals? _____

2. How do we measure hardness? _____

3. What is luster? _____

4. Why is color not always a good way to identify minerals? _____

5. Write an informational paragraph to explain different properties of minerals.

fossils

A fossil is the preserved remains of plants and animals. All 11
fossils were formed at least 10,000 years ago. There are 21
two main types of fossils, body fossils and trace fossils. Body 31
fossils are remains of a plant or animal's body. Some of these 43
fossils were formed when an animal died and was quickly 53
buried. The parts of the animal that didn't decay turned into 64
a fossil. This is why bones and teeth are often found as 76
fossils. Other body fossils are found in Amber, a hardened 86
form of tree sap. This usually where we find insects or 97
pieces of plants. Trace fossils are the remains of the 107
activity of an animal, such as footprints, egg shells, and nests. 118
A fossil can tell us many things about plants and animals from 130
long ago. 132

- What are two types of fossils?
- What are body fossils?
- What are trace fossils?

Number of Words Read	Monday	Tuesday	Wednesday	Thursday
1 st Attempt				
2 nd Attempt				
3 rd Attempt				

Fossils

Answer each question in a complete sentence. Underline or highlight where you located the answer in the text.

1. Who are fossils? _____

2. What are body fossils? _____

3. What is amber? _____

4. Who is a paleontologist? _____

5. In a paragraph, describe what we can learn from fossils.

Week 1 - Monday

1. Circle the noun(s).

My bed is nice and soft.

2. Capitalize the proper noun(s).

She swam in lake meade last summer.

3. Which verb best completes the sentence?

He (sleep, slept) all night long.

4. Correct the sentence below.

Bently was born October 5 20ll.

5. Circle the antonym of calm.

excited relaxed patient

6. Circle the prefix.

disagree

7. Look at the guide words and circle the word that would NOT be on the page.

batter...believe

bat bee beat

Week 1 - Tuesday

1. Circle the pronoun(s).

I hope we can go to the zoo.

2. Write the plural form of the noun.

fox- _____

3. Which adjective best completes the sentence?

He is the (faster, fastest) runner in my class this year.

4. Which homophone best completes the sentence?

The (son, sun) is high in the sky.

5. Circle the synonym of large.

mammoth tiny miniature

6. Circle the suffix.

painter

7. Choose the best definition for the underlined word in the sentence below.

The little girl tried hard not to bug her brother.

1. An insect
2. To bother or annoy
3. A stomach sickness

Week 1-Wednesday

1. Circle the verb(s).

We shared the last banana.

2. Write the possessive noun correctly.

The flowers petals were pink. _____

3. Circle the adverb(s).

He slowly walked to the principal's office after class.

4. Combine the two sentences with a compound sentence.

I love pizza. I ate three pieces of pizza.

Week 1-Thursday

1. Circle the adjective(s).

The scented candle smelled great.

2. Write the verb in past tense.

cry _____

3. Circle the pronoun that best replaces the underlined noun(s).

Do you want to play with Max and Cari?
(we us them)

4. Combine the two sentences with a complex sentence.

I ate too much food. I felt sick.

Week 1-Friday

1. Circle the abstract noun. happiness smile teeth

2. Correct the sentence below.

Watch out yelled the police.

3. What is the meaning of the idiom below?

I had butterflies in my stomach-_____

4. Is the sentence below a fact or opinion? _____

Alaska is the largest state in the United States.

Week 2-Monday

1. Circle the noun(s).

The sharp glass cut my finger.

2. Capitalize the proper noun(s).

I went to Mrs. Jones's house.

3. Which verb best completes the sentence?

I (hope, hoped) it won't rain at the parade.

4. Correct the sentence below.

I went to Lake Placid Florida for vacation.

5. Circle the antonym of cheerful.

grumpy perky happy

6. Circle the prefix.

reread

7. Look at the guide words and circle the word that would NOT be on the page.

add...ask

about allow attempt

Week 2-Tuesday

1. Circle the pronoun(s).

They are two of my best friends.

2. Write the plural form of the noun.

half-_____

3. Which adjective best completes the sentence?

This shirt is _____ than the other shirt.
(large, larger, largest)

4. Which homophone best completes the sentence?

The boy turned (ate, eight) years old today.

5. Circle the synonym of shy.

outgoing timid brave

6. Circle the suffix.

graceful

7. Choose the best definition for the underlined word in the sentence below.

The painter applied another coat of paint to the house.

1. A piece of outer clothing
2. The outer covering of an animal
3. A layer

Week 2-Wednesday

1. Circle the verb(s).

The pizza burned my mouth.

2. Write the possessive noun correctly.

The dogs toy was wet. _____

3. Circle the adverb(s).

The young girl sang loudly at the performance.

4. Combine the two sentences with a compound sentence.

It is hot. I went swimming.

Week 2-Thursday

1. Circle the adjective(s).

You are a great person.

2. Write the verb in past tense.

like _____

3. Circle the pronoun that best replaces the underlined noun(s).

Mike and I are going fishing.
(They, We, Us)

4. Combine the two sentences with a complex sentence.

It was raining. I played inside.

Week 2-Friday

1. Circle the abstract noun. child girl childhood

2. Correct the sentence below.

I had to see dr jung when I had a high fever last week.

3. What is the meaning of the idiom below?

It cost an arm and a leg-_____

4. Is the sentence below a fact or opinion? _____

McDonald's has the best hamburgers ever!

Week 3-Monday

1. Circle the noun(s).

I broke my little toe.

2. Capitalize the proper noun(s).

I visited dallas last summer.

3. Which verb best completes the sentence?

I (grew, grown) roses in my garden.

4. Correct the sentence below.

She saw a concert in Denver Colorado

5. Circle the antonym of interesting.

exciting boring intriguing

6. Circle the prefix.

disbelieve

7. Look at the guide words and circle the word that would NOT be on the page.

appetite...approach

apply apprentice apron

Week 3-Tuesday

1. Circle the pronoun(s).

I hope you go with us to the movies.

2. Write the plural form of the noun.

puppy-_____

3. Which adjective best completes the sentence?

The house is the _____ house on the block.
(old, older, oldest)

4. Which homophone best completes the sentence?

My little sister is (four, for) years old.

5. Circle the synonym of greedy
stingy, generous, giving

6. Circle the suffix.

hopeful

7. Choose the best definition for the underlined word in the sentence below.

We only watched the first act of the play.

1. A portion of a performance
2. To do something
3. To pretend to be someone else

Week 3-Wednesday

1. Circle the verb(s).

I love playing in the rain.

2. Write the possessive noun correctly.

The girls rain boots _____

3. Circle the adverb(s).

My basketball practice was yesterday.

4. Combine the two sentences with a compound sentence.

I was tired. I made some mistakes.

Week 3-Thursday

1. Circle the adjective(s).

The bright sun burned my skin.

2. Write the verb in past tense.

grab _____

3. Circle the pronoun that best replaces the underlined noun(s)?

Will you go with Kate and Annie?
(they, them, us)

4. Combine the two sentences with a complex sentence.

I was bit by a bee. It stung badly.

Week 3-Friday

1. Circle the abstract noun. grace shoes hair

2. Correct the sentence below.

How did you do that Cooper asked.

3. What is the meaning of the idiom below?

Don't bite my head off- _____

4. Is the sentence below a fact or opinion? _____

Chocolate is made from cocoa.

Week 4--Monday

1. Circle the noun(s).

She worked on the computer.

2. Capitalize the proper noun(s).

George washington was the first president.

3. Which verb best completes the sentence?

I (bayed, bought) several things.

4. Correct the sentence below.

I saw lions tigers and bears at the zoo.

5. Circle the antonym of wild.

calm excited crazy

6. Circle the prefix.

unfortunate

7. Look at the guide words and circle the word that would NOT be on the page.

mop...must

mope mess more

Week 4--Tuesday

1. Circle the pronoun(s).

Everyone wants to be in my class.

2. Write the plural form of the noun.

rose-_____

3. Which adjective best completes the sentence?

I am _____ now that you're feeling better.
(happy, happier, happiest)

4. Which homophone best completes the sentence?

What times does it (close, clothes)?

5. Circle the synonym of brave.

courageous timid meek

6. Circle the suffix.

dancing

7. Choose the best definition for the underlined word in the sentence below.

It can be hard to share by toys.

1. A piece of something
2. To allow someone to play with or use something

Week 4-Wednesday

1. Circle the verb(s).

I felt sick and went to the doctor.

2. Write the possessive noun correctly.

The child's blanket _____

3. Circle the adverb(s).

The young girl cuddled closely with her mom.

4. Combine the two sentences with a compound sentence.

The park was so much fun. I can't wait to go again.

Week 4-Thursday

1. Circle the adjective(s).

The green grass grew quickly.

2. Write the verb in past tense.

zip _____

3. Circle the pronoun that best replaces the underlined noun(s)?

Can Lucas play too?
(he, him, his)

4. Combine the two sentences with a complex sentence.

Grace was mad. She didn't play.

Week 4-Friday

1. Circle the abstract noun. anger frown lips

2. Correct the sentence below.

Ouch exclaimed Molly.

3. What is the meaning of the idiom below?

Have your cake and eat it too- _____

4. Is the sentence below a fact or opinion? _____

Georgia borders Florida.