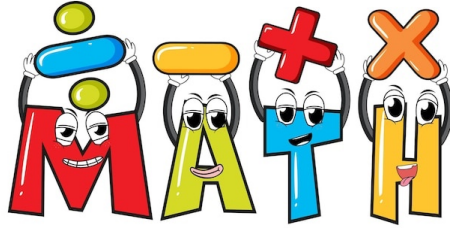Name:_____ Section: _____

MATH

Homework
This week we will continue Chapter 17 (Understand Fractions as Numbers). Please complete homework daily based on the schedule provided below. **Please do not work ahead on homework assignments.**

- -

Reminders
Please have your child use Reflex Math to master and reinforce their fact fluency. The 3rd Grade curriculum depends on a strong foundation in multiplication and division facts.

- -

Extra Practice
Additional practice is available on HMH. To access login into HMH, go to assigned lessons.

- -

Notes

Please upload homework packet on Archie no later than Friday, March 22nd
Please feel free to contact me with any questions or concerns at diana.charaf@archimedean.org

- -

<u>Monday</u>	March 18th	– pages: **797 - 798**
<u>Tuesday</u>	March 19th	– pages: **803 - 804**
<u>Wednesday</u>	March 20th	– pages: 809 - 810
<u>Thursday</u>	March 21st	– pages: 815-816
<u>Friday</u>	March 22nd	– No Homework

Monday **March 18th**	**Tuesday** **March 19th**	**Wednesday** **March 20th**	**Thursday** **March 21st**	**Friday** **March 22nd**
				x

Represent and Name Fractions on a Number Line
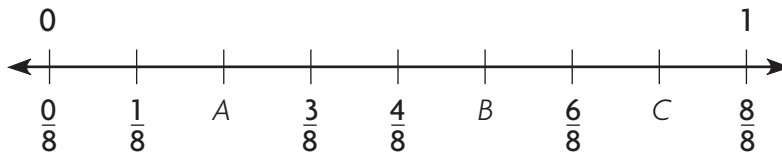
1. Use fraction strips to help you complete the number line. Then locate and draw a point for the fraction. $\frac{2}{3}$

0   1

$\frac{1}{3}$

$\frac{0}{3}$ $\frac{}{3}$ $\frac{}{3}$ $\frac{3}{3}$
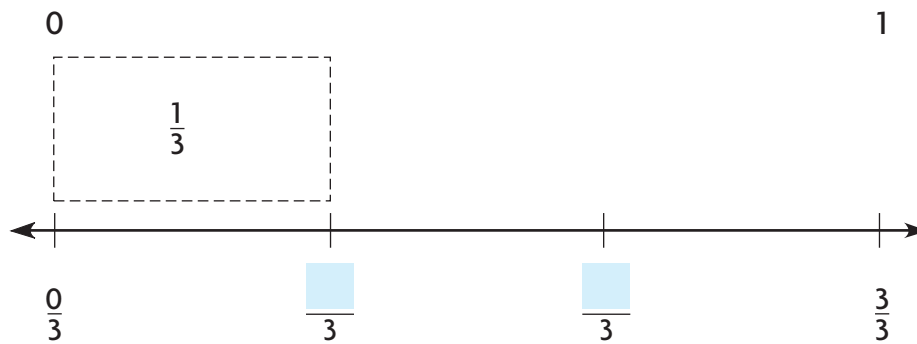
Write the fraction that names the point.

0   1

$\frac{0}{8}$ $\frac{1}{8}$ A $\frac{3}{8}$ $\frac{4}{8}$ B $\frac{6}{8}$ C $\frac{8}{8}$

2. point A _____

**3.** point B _____

4. point C _____

Problem Solving Real World

5. Jade ran 10 times around her neighborhood to complete a total of 1 mile. How many times will she need to run to complete $\frac{9}{10}$ of a mile?

_____

6. A missing fraction on a number line is located exactly halfway between $\frac{3}{6}$ and $\frac{5}{6}$. What is the missing fraction?
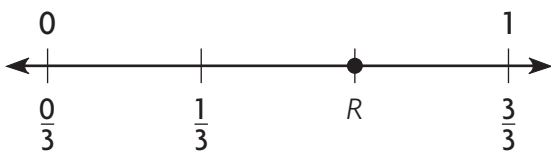
_____

7. **WRITE** ▸*Math* Explain how showing fractions with models and a number line are alike and different.

_____

_____

Lesson Check

8. What fraction names point *G* on the number line?

$$0 \qquad\qquad\qquad\qquad\qquad 1$$

$$\frac{0}{4} \quad G \qquad \frac{2}{4} \quad \frac{3}{4} \quad \frac{4}{4}$$

_____
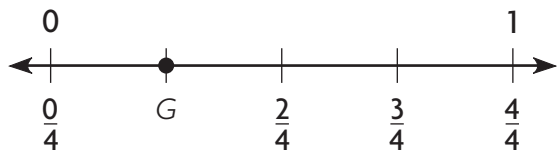
9. What fraction names point *R* on the number line?

$$0 \qquad\qquad\qquad\qquad\qquad 1$$

$$\frac{0}{3} \qquad \frac{1}{3} \qquad R \qquad \frac{3}{3}$$

_____

Spiral Review

10. Each table in the cafeteria can seat 10 students. How many tables are needed to seat 40 students?

_____

11. Use the Commutative Property of Multiplication to write a related equation.

$$4 \times 9 = 36$$

_____

12. Pedro shaded part of a circle. What fraction names the shaded part?

_____
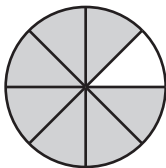
13. Find the quotient.

$$8 \div 1 = \boxed{}$$

Write Fractions as Sums of Unit Fractions

Go Online

Interactive Examples

Write the fraction as a sum of unit fractions.

1. $\dfrac{4}{6}$

_____

2. $\dfrac{5}{8}$

_____

3. $\dfrac{2}{3}$

_____

4. $\dfrac{6}{6}$

_____

Write the fraction represented by the sum of unit fractions.

5. $\dfrac{1}{4} + \dfrac{1}{4} + \dfrac{1}{4}$

_____

6. $\dfrac{1}{8} + \dfrac{1}{8} + \dfrac{1}{8}$

_____

Problem Solving Real World

7. Noor uses $\dfrac{1}{4}$ stick of butter to make breakfast for the family. That means that there is $\dfrac{3}{4}$ stick of butter left. How can you write $\dfrac{3}{4}$ as the sum of unit fractions?

_____

8. Talia cuts one melon into 8 equal pieces. Write the number 1 as a sum of unit fractions that name each piece of melon.

_____

Lesson Check

Fill in the bubble completely to show your answer.

9. What is $\frac{5}{6}$ written as the sum of unit fractions?

   Ⓐ $\frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6}$

   Ⓑ $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

   Ⓒ $\frac{1}{6}$

   Ⓓ $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

10. Ross walks $\frac{3}{8}$ mile to school. What is $\frac{3}{8}$ written as the sum of unit fractions?

    Ⓐ $\frac{1}{8} + \frac{1}{8} + \frac{1}{8}$

    Ⓑ $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$

    Ⓒ $\frac{1}{8}$

    Ⓓ $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$

11. What fraction is represented by the sum $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$?

    Ⓐ $\frac{0}{3}$

    Ⓑ $\frac{3}{3}$

    Ⓒ $\frac{1}{3}$

    Ⓓ $\frac{2}{3}$

| 1		
$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$
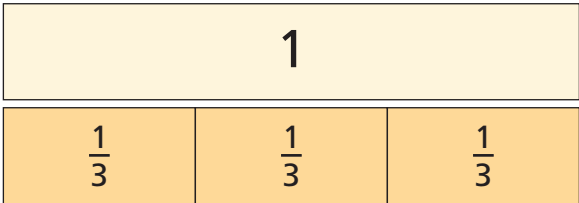
Spiral Review

12. Jamal sliced an orange into four equal pieces. He ate one slice. What fraction of the orange did Jamal eat?

13. A bookshelf is divided into 6 equal cubbies. Each cubby has 12 books. How many books are on the bookshelf?

Represent Numbers Greater Than One as Fractions

Use the number line to find whether the two numbers are equal. Write *equal* or *not equal*.

0   1   2

$\frac{0}{3}$ $\frac{1}{3}$ $\frac{2}{3}$ $\frac{3}{3}$ $\frac{4}{3}$ $\frac{5}{3}$ $\frac{6}{3}$
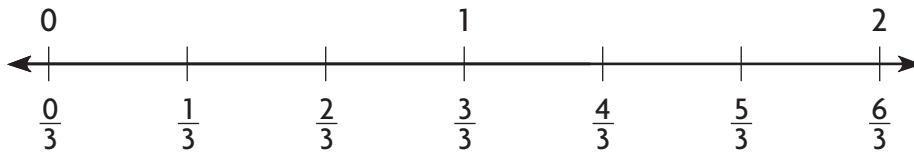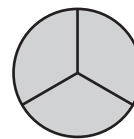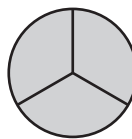
1. $\frac{0}{6}$ and 1   **2.** 1 and $\frac{3}{3}$ **3.** 2 and $\frac{6}{3}$
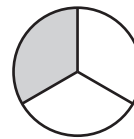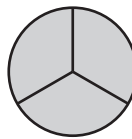
_____ not equal _____   _____   _____

Each shape is 1 whole. Write a fraction in standard form, word form, and numeral-word form for the parts that are shaded.

4.   _____

_____

_____

5.   _____

_____

Problem Solving Real World
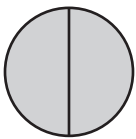
**6.** Rachel jogged along a trail that was $\frac{1}{4}$ of a mile long. She jogged along the trail 8 times. How many miles did Rachel jog?

_____

7. Jon ran around a track that was $\frac{1}{8}$ of a mile long. He ran around the track 24 times. How many miles did Jon run?

_____

8. **WRITE** *Math* Write a problem that uses a fraction greater than 1.

_____

_____

Lesson Check

9. Each shape is 1 whole. What fraction greater than 1 names the parts that are shaded?

_____

10. What fraction is represented by the sum?
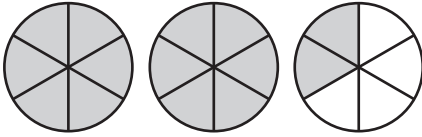
$$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$$

_____

Spiral Review

11. Tara has 598 pennies and 231 nickels. How many pennies and nickels does she have?

$$\begin{array}{r} 598 \\ + \ 231 \\ \hline \end{array}$$

_____

_____

12. Derrick read 6 books. Keiko read double the number of books that Derrick read. How many books did Keiko read?

_____

_____

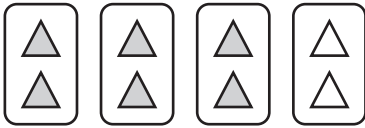**13.** Alyssa divides a granola bar into halves. How many equal parts are there?

_____

14. There are 4 students in each small reading group. If there are 24 students in all, how many reading groups are there?
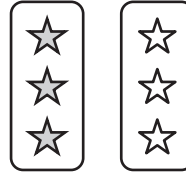
_____

Represent and Name Fractions of a Set

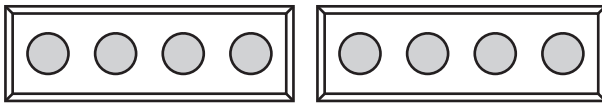**Write a fraction to name the shaded part
of each group.**

1.

$\dfrac{6}{8}$ or $\dfrac{3}{4}$

2.

_____

**Write a whole number and a fraction greater
than 1 to name the part filled. Think: 1 container = 1**

3.

_____ _____

4.

_____ _____

**Draw a quick picture. Then, write a fraction in standard form and word form
to name the shaded part of the group.**

  5. Draw 4 circles.
      Shade 2 circles.

  6. Draw 6 circles.
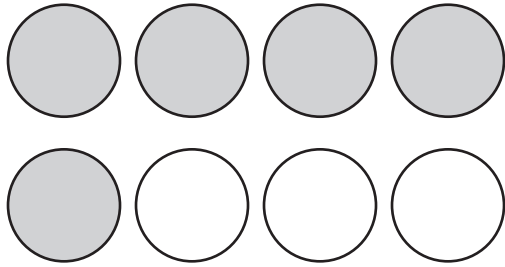   Make 3 groups.
      Shade 1 group.

_____

_____

Problem Solving · Real World

  7. Brian has 3 basketball cards and 5 baseball
      cards. What fraction of Brian's cards are
      baseball cards?

  8. **WRITE** ▸ *Math* Draw a set of objects where
you can find a fractional part of the group
using the total number of objects and by
using subgroups.

_____
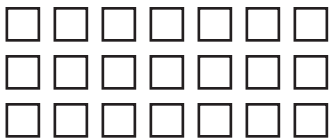
_____

Lesson Check

9. What fraction of the group is shaded?

_____

10. What fraction of the group is shaded? Complete the description and write the unit fraction.

_____ out of _____ squares

_____

Spiral Review

11. What multiplication equation does the array represent?

_____

_____

12. Juan has 436 baseball cards and 189 football cards. How many more baseball cards than football cards does Juan have?

_____

_____

13. Sydney bought 3 bottles of glitter. Each bottle of glitter cost $6. How much did Sydney spend on the bottles of glitter?

_____

14. Add.

$$\begin{array}{r} 262 \\ + 119 \\ \hline \end{array}$$