Name _____

Equal Parts of a Whole

**Write the number of equal parts.
Then write the name for the parts.**

1.
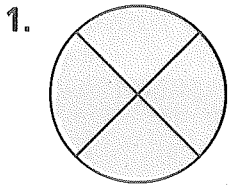
_____4_____ equal parts

___fourths___

2.

_____ equal parts

_____

3.

_____ equal parts

_____

4.

_____ equal parts

_____

Write whether the shape is divided into *equal* parts or *unequal* parts.

5.

_____ parts

6.

_____ parts

Problem Solving REAL WORLD

7. Diego cuts a round pizza into eight equal slices. What is the name for the parts?

_____

8. Madison is making a place mat. She divides it into 6 equal parts to color. What is the name for the parts?

_____

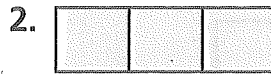Name _____

Equal Shares

COMMON CORE STANDARD CC.3.NF.1
Develop understanding of fractions as numbers.

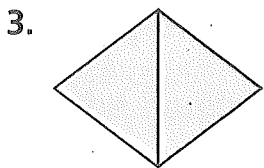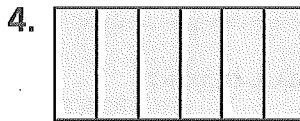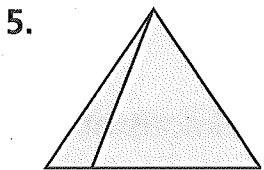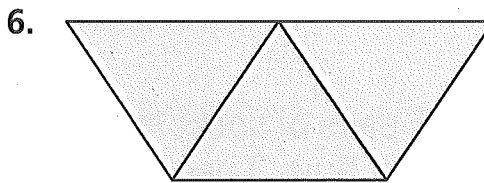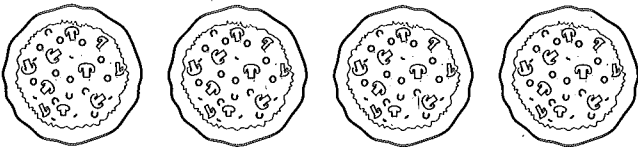Lesson 8.2

For 1–2, draw lines to show how much each person gets. Write the answer.
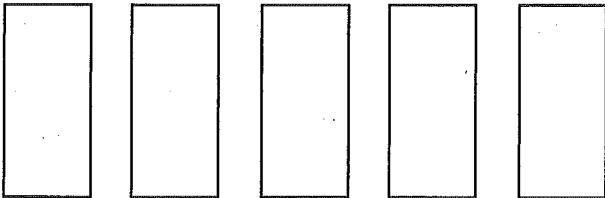
1. 6 friends share 3 sandwiches equally.

3 sixths of a sandwich _____

2. 8 classmates share 4 pizzas equally.

_____

3. 4 teammates share 5 granola bars equally. Draw to show how much each person gets. Shade the amount that one person gets. Write the answer.

_____

Problem Solving REAL WORLD

4. Three brothers share 2 sandwiches equally. How much of a sandwich does each brother get?

_____

_____

5. Six neighbors share 4 pies equally. How much of a pie does each neighbor get?

_____

_____

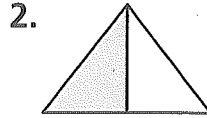Chapter 8   P155

Unit Fractions of a Whole
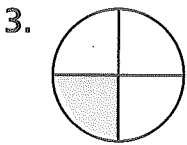
Write the number of equal parts in the whole.
Then write the fraction that names the shaded part.

1.

_____6_____ equal parts
_____1_____
_____6_____
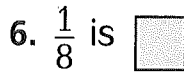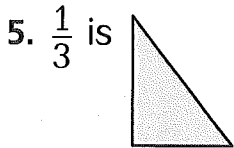
2.

_____ equal parts

_____

3.

_____ equal parts

_____

4.
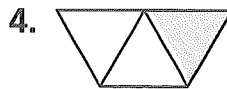
_____ equal parts

_____

Draw a picture of the whole.

5. $\frac{1}{3}$ is

6. $\frac{1}{8}$ is

Problem Solving REAL WORLD

7. Tyler made a pan of cornbread. He cut it into 8 equal pieces and ate 1 piece. What fraction of the cornbread did Tyler eat?

_____

8. Anna cut an apple into 4 equal pieces. She gave 1 piece to her sister. What fraction of the apple did Anna give to her sister?
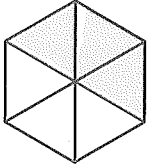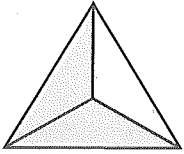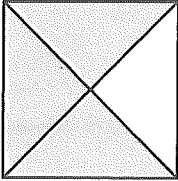
_____

Fractions of a Whole

Write the fraction that names each part. Write a fraction
in words and in numbers to name the shaded part.

1.

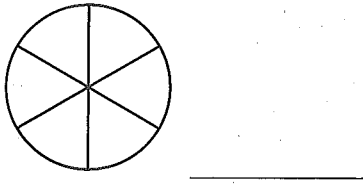Each part is ___$\frac{1}{6}$___.

___three___ sixths

___$\frac{3}{6}$___

2.

Each part is _____.

_____ eighths
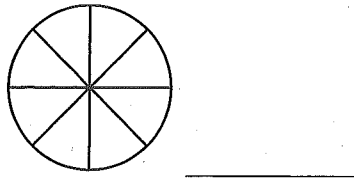
_____

3.

Each part is _____.

_____ thirds

_____

4.

Each part is _____.

_____ fourths

_____

Shade the fraction circle to model the fraction.
Then write the fraction in numbers.

5. four out of six

_____

6. eight out of eight

_____

Problem Solving REAL WORLD

7. Emma makes a poster for the
school's spring concert. She divides
the poster into 8 equal parts. She
uses two of the parts for the title.
What fraction of the poster does
Emma use for the title?

_____

8. Lucas makes a flag. It has 6 equal
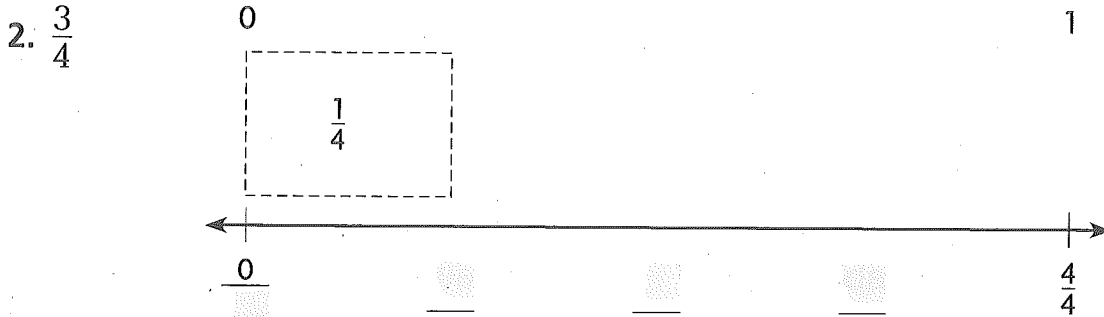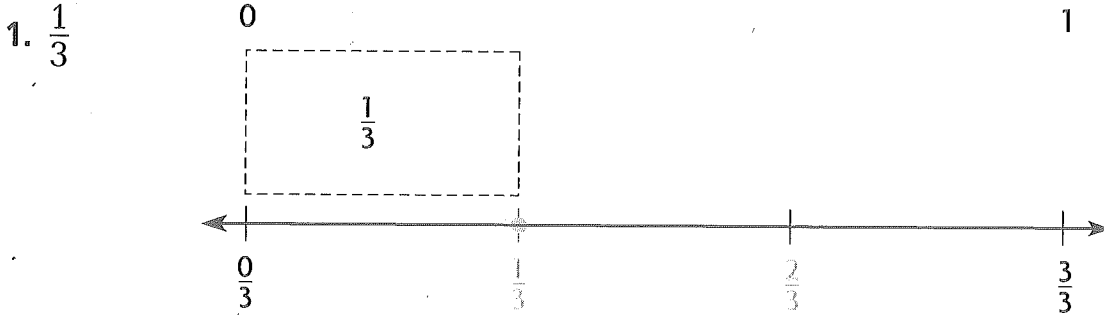parts. Five of the parts are red. What
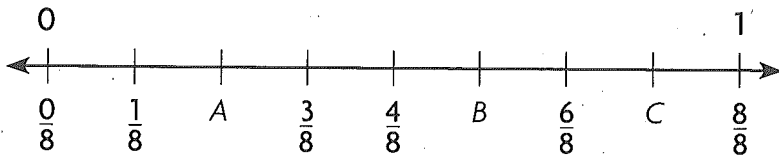fraction of the flag is red?

_____

Fractions on a Number Line

Use fraction strips to help you complete the number
line. Then locate and draw a point for the fraction.

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

0   1

$\frac{1}{3}$

$\frac{0}{3}$ $\frac{1}{3}$ $\frac{2}{3}$ $\frac{3}{3}$

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

0   1

$\frac{1}{4}$

$\frac{0}{}$ $\frac{4}{4}$

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 $\frac{8}{8}$

3. point A _____

4. point B _____

5. point C _____

Problem Solving REAL WORLD

6. Jade ran 6 times around her
   neighborhood to complete a total
   of 1 mile. How many times will she
   need to run to complete $\frac{5}{6}$ of a mile?

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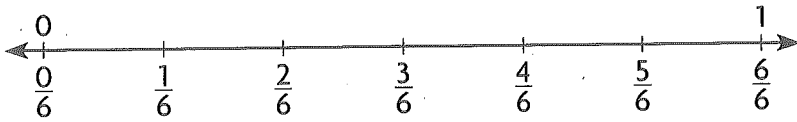   and $\frac{5}{6}$. What is the missing fraction?

_____

_____

Name _____

Relate Fractions and Whole Numbers

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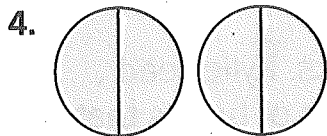are equal. Write *equal* or *not equal*.
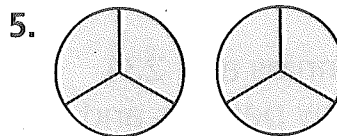

1. $\frac{0}{6}$ and 1

2. 1 and $\frac{6}{6}$

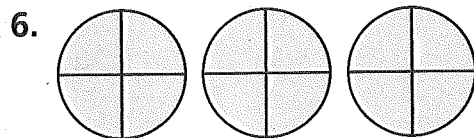3. $\frac{1}{6}$ and $\frac{6}{6}$

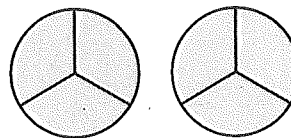not equal

_____   _____   _____

Each shape is 1 whole. Write a fraction greater than 1
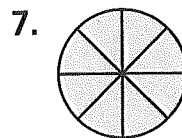for the parts that are shaded.

4.

2 = _____

5.

4 = _____

6.

3 = _____

7.

1 = _____

Problem Solving REAL WORLD

8. 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 in all?

_____

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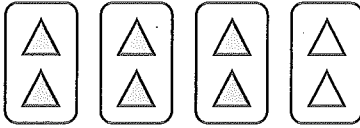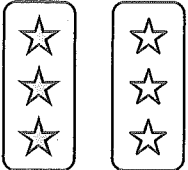24 times. How many miles did Jon
run in all?

_____

Name _____

Fractions of a Group

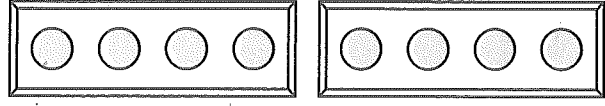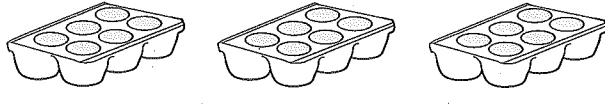Write a fraction to name the shaded part of each group.

1. $\frac{6}{8}$ _____

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
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. Sophia has 3 pink tulips and 3 white
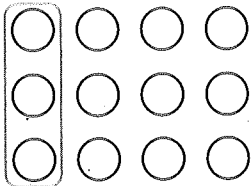tulips. What fraction of Sophia's tulips
are pink?

_____

Name _____

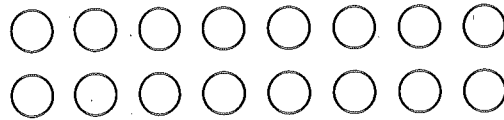# Find Part of a Group Using Unit Fractions

COMMON CORE STANDARD CC.3.NF.1
Develop understanding of fractions as numbers.

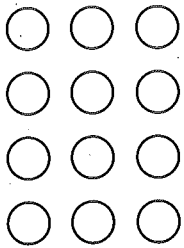Circle equal groups to solve. Count the number of items in 1 group.
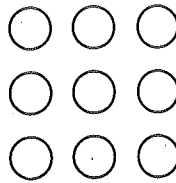
1. $\frac{1}{4}$ of 12 = _3_
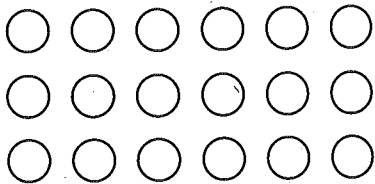
2. $\frac{1}{8}$ of 16 = ____

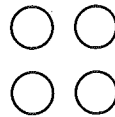**3.** $\frac{1}{3}$ of 12 = ____

4. $\frac{1}{3}$ of 9 = ____

5. $\frac{1}{6}$ of 18 = ____

6. $\frac{1}{2}$ of 4 = ____

Problem Solving REAL WORLD

7. Marco drew 24 pictures. He drew $\frac{1}{6}$ of them in art class. How many pictures did Marco draw in art class?

_____

8. Caroline has 16 marbles. One eighth of them are blue. How many of Caroline's marbles are blue?
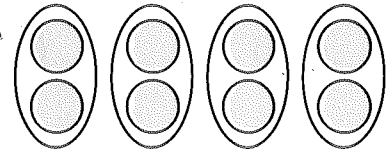
_____

Name _____

Problem Solving • Find the Whole Group Using Unit Fractions

Draw a quick picture to solve.

1. Katrina has 2 blue ribbons for her hair. One fourth of all her ribbons are blue. How many ribbons does Katrina have in all?


_____8 ribbons_____

2. One eighth of Tony's books are mystery books. He has 3 mystery books. How many books does Tony have in all?

_____

3. Brianna has 4 pink bracelets. One third of all her bracelets are pink. How many bracelets does Brianna have?

_____

4. Ramal filled 3 pages in a stamp album. This is one sixth of the pages in the album. How many pages are there in Ramal's stamp album?

_____

5. Jeff helped repair one half of the bicycles in a bike shop last week. If Jeff worked on 5 bicycles, how many bicycles did the shop repair in all last week?

_____

6. Layla collects postcards. She has 7 postcards from Europe. Her postcards from Europe are one third of her total collection. How many postcards in all does Layla have?
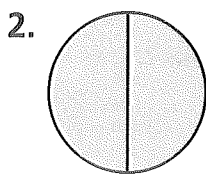
_____

Chapter 8 Extra Practice

Lesson 8.1

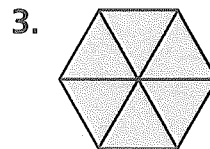Write the number of equal parts. Then write the name for the parts.
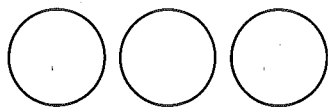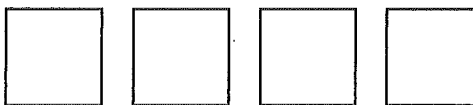
1.

_____ equal parts

_____

2.

_____ equal parts

_____

3.
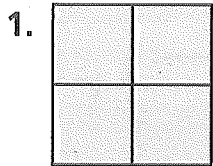
_____ equal parts

_____

Lesson 8.2

Draw lines to show how much each person gets. Write the answer.
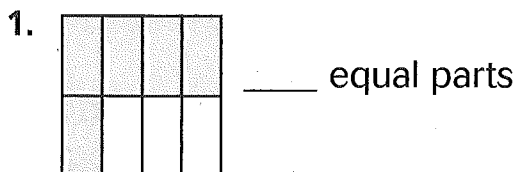
1. 4 friends share 3 oranges equally.

_____

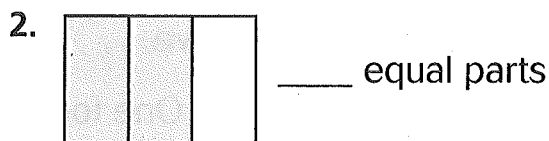_____

2. 6 sisters share 4 sandwiches equally.

_____

_____

Lessons 8.3 - 8.4

Write the number of equal parts in the whole. Write a fraction in words and in numbers to name the shaded part.

1.

_____ equal parts

_____ eighths

_____

2.

_____ equal parts

_____ thirds

_____