

Name _____

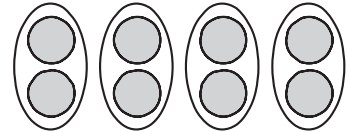
**Problem Solving • Find the Whole
Group Using Unit Fractions**

COMMON CORE STANDARD CC.3.NF.1

Develop understanding of fractions as numbers.

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?

Lesson Check (CC.3.NF.1)

- A zoo has 2 male lions. One sixth of the lions are male lions. How many lions are there at the zoo?
 (A) 4 (C) 8
 (B) 6 (D) 12
- Max has 5 red model cars. One third of his model cars are red. How many model cars does Max have?
 (A) 15 (C) 10
 (B) 12 (D) 8

Spiral Review (CC.3.OA.3, CC.3.NBT.1, CC.3.NBT.2, CC.3.NF.1)

- There are 382 trees in the local park. What is the number of trees rounded to the nearest hundred?
 (Lesson 1.2)
- The Jones family is driving 458 miles on their vacation. So far, they have driven 267 miles. How many miles do they have left to drive?

- (A) 300
- (B) 380
- (C) 400
- (D) 500

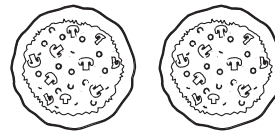
(Lesson 1.10)

$$\begin{array}{r} 458 \\ - 267 \\ \hline \end{array}$$

- (A) 191 miles (C) 211 miles
- (B) 201 miles (D) 291 miles

- Ken has 6 different colors of marbles. He has 9 marbles of each color. How many marbles does Ken have in all? (Lesson 4.3)
- Eight friends share two pizzas equally. How much of a pizza does each friend get? (Lesson 8.2)

- (A) 15
- (B) 45
- (C) 54
- (D) 63



- (A) 8 halves (C) 2 sixths
- (B) 4 eighths (D) 2 eighths