## PROBLEM SOLVING Lesson 2.9

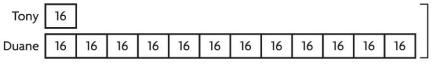
### **Problem Solving • Division**

#### COMMON CORE STANDARD CC.5.NBT.6

Show your work. Solve each problem.

Perform operations with multi-digit whole numbers and with decimals to hundredths.

1. Duane has 12 times as many baseball cards as Tony. Between them, they have 208 baseball cards. How many baseball cards does each boy have?



208 baseball cards

 $208 \div 13 = 16$ 

Tony: 16 cards; Duane: 192 cards

- 2. Hallie has 10 times as many pages to read for her homework assignment as Janet. Altogether, they have to read 264 pages. How many pages does each girl have to read?
- **3.** Hank has 48 fish in his aquarium. He has 11 times as many tetras as guppies. How many of each type of fish does Hank have?
- 4. Kelly has 4 times as many songs on her music player as Lou. Tiffany has 6 times as many songs on her music player as Lou. Altogether, they have 682 songs on their music players. How many songs does Kelly have?

# TEST

### Lesson Check (CC.5.NBT.6)

- 1. Chelsea has 11 times as many art brushes as Monique. If they have 60 art brushes altogether, how many brushes does Chelsea have?
  - (A) 5
  - **(B)** 11
  - **(C)** 49
  - **(D)** 55

- 2. Jo has a gerbil and a German shepherd. The shepherd eats 14 times as much food as the gerbil. Altogether, they eat 225 ounces of dry food per week. How many ounces of food does the German shepherd eat per week?
  - A 225 ounces
  - B 210 ounces
  - **(C)** 15 ounces
  - D 14 ounces

### Spiral Review (CC.5.NBT.5, CC.5.NBT6, CC.5.NF.3)

- 3. Jeanine is twice as old as her brother Marc. If the sum of their ages is 24, how old is Jeanine? (Lesson 1.9)
  - (A) 16
  - **B**) 12
  - **©** 8
  - **(D)** 3

- 4. Larry is shipping nails that weigh a total of 53 pounds. He divides the nails equally among 4 shipping boxes. How many pounds of nails does he put in each box? (Lesson 2.7)
  - (A) 4 pounds
  - **B** 13 pounds
  - $\bigcirc$  13 $\frac{1}{4}$  pounds
  - (D) 14 pounds
- 5. Annie plants 6 rows of small flower bulbs in a garden. She plants 132 bulbs in each row. How many bulbs does Annie plant in all? (Lesson 1.6)
  - **(A)** 738
  - **B** 792
  - **©** 924
  - **D** 984

- 6. Next year, four elementary schools will each send 126 students to Bedford Middle School. What is the total number of students the elementary schools will send to the middle school? (Lesson 1.6)
  - **(A)** 46
  - **B** 344
  - C 444
  - **(D)** 504