

## Section D: Practice Problems

1. There are 85 chairs in the gym. They are arranged in 5 rows with the same number of chairs in each row. How many chairs are in each row? Show your thinking using diagrams, symbols, or other representations.

(From Unit 4, Lesson 18.)

2. a. Find the value of  $96 \div 6$ . Use base-ten blocks if they are helpful.

b. Find the value of  $52 \div 4$ . Use base-ten blocks if they are helpful.

(From Unit 4, Lesson 19.)

3. a. Find the value of  $78 \div 6$ . Draw a diagram if it is helpful.

b. Find the value of  $42 \div 3$ . Draw a diagram if it is helpful.

(From Unit 4, Lesson 20.)

4. Find the value of each quotient.

a.  $96 \div 6$

b.  $87 \div 3$

(From Unit 4, Lesson 20.)

5. There are 240 people at the park for the soccer games. There are 150 fans. The rest of the people are on 6 soccer teams with an equal number of players. How many players are on each soccer team?

a. Write an equation to represent this situation. Use a letter for the unknown quantity.

b. Solve the problem. Explain or show your reasoning.

(From Unit 4, Lesson 21.)

## 6. Exploration

To find the value of  $96 \div 3$ , Diego divides 9 by 3 and 6 by 3 and says the answer is 32.

a. Explain why Diego's method is correct. Use equations or drawings to support your reasoning.

b. Does Diego's method work to find the value of  $78 \div 3$ ? Explain your reasoning.

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## 7. Exploration

What are the different ways you can divide 48 objects into equal groups?

a. Make a list.

b. Write a multiplication or division equation for each different way.