

**LESSON**

**8**

**Introduction to Algebra**

**Problem Solving: Division Equations**

Use the table to write and solve a division equation to answer each question.

1. How many total people signed up to play soccer in Bakersville this year?

2. How many people signed up to play lacrosse this year?

3. What was the total number of people who signed up to play baseball this year?

4. Which two sports in the league have the same number of people signed up to play this year? How many people are signed up to play each of those sports?

**Bakersville Sports League**

Sport	Number of Teams	Players on Each Team
Baseball	7	20
Soccer	11	15
Football	8	24
Volleyball	12	9
Lacrosse	6	17
Basketball	10	10
Tennis	18	6

**Circle the letter of the correct answer.**

5. Which sport has a higher total number of players, football or tennis? How many more players?

- A football; 10 players
- B tennis; 144 players
- C football; 84 players
- D tennis; 18 players

6. Only one sport this year has the same number of players on each team as its number of teams. Which sport is that?

- F basketball
- G football
- H soccer
- J tennis