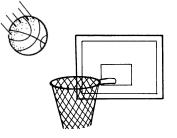Addition and multiplication are related. **Addition** is the process of adding two or more *addends* (numbers) to find a *sum* (answer). Example: 5 + 5 + 5 = 15

Multiplication is a shorter method of adding a repeated number of *factors* (addends) to find a *product* (answer). Example: 5 x 3 = 15

Directions: Read the story below and solve the word problems. Use addition and multiplication for each problem.

Hanna and Lang play basketball for the Sunset Stars. They score many points for their team. Field goals are 2 points. Long field goals are 3 points. Free throws are 1 point.

1. Hanna completed six field goals. What was her total score?

Solve with addition: _____

Solve with multiplication: _____

2. Hanna scored seven long field goals. What was her total score?

Solve with addition: _____

Solve with multiplication: _____

3. Lang scored eight free throws. Hanna scored six free throws. What were their total points scored?

Solve with addition: _____

Solve with multiplication: _____

4. Lang scored five field goals, three long field goals, and six free throws. What were the total points she scored?

Solve with addition: _____

Solve with multiplication: _____

5. Hanna scored four long field goals, five free throws, and four field goals. What were the total points she scored?

Solve with addition: _____

Solve with multiplication: _____