

ACTIVITY: Applications of Solving Equations

Name: _____

Period: _____

Directions: Work with a partner to solve each word problem.

1. Bill and Terry had a hot dog eating contest. Terry won by eating 3 more hot dogs than Bill. Together they ate 57 hot dogs. How many hot dogs did they each eat?
2. Barry has \$15.57 more than John. Together they have \$55.89. How much money does each of them have?
3. Marsha, Jan, and Cindy went grocery shopping. Marsha spent \$7.78 more than Cindy. Jan spent \$4.20 less than Marsha. They paid a total of \$86.09. How much did each of them spend on food?
4. Greg, Peter, and Bobby played as a team in a 3-on-3 basketball game. They won the game 51 to 43. Bobby scored 3 points less than Peter. Greg scored twice as many as Bobby. How many points did the each of them score?