

Name _____
Algebra Section 2.1-2.3

Date _____
Word Problems

1.) James took two math tests. He scored 86 points on the second test. This was 18 points higher than his score on the first test. Write and solve an equation to find the score James received on the first test. Show that your answer is reasonable.

2.) For two weeks, Gabrielle raised money by selling magazines. She raised \$72 during the second week, which brought her total to \$122. Write and solve an equation to find how much Gabrielle raised during the first week. Show that your answer is reasonable.

3.) The student sat a school assembly were divided into 4 equal groups. There were 63 students in each group. Write and solve an equation to determine the number of students that were at the assembly.

4.) The perimeter of a square is 64 mm. Write and solve an equation to determine the length of each side of the square.

5.) For her cellular phone service, Vera pays \$32 a month, plus \$0.75 for each minute over the allowed minutes in her plan. Vera received a bill for \$47 last month. For how many minutes did she use her phone beyond the allowed minutes? Write and solve an equation.