Name: _____

Unit 1 – Numeracy Skills
1.7 – Solving Proportions Word Problems

Example 1: A cake recipe needs 2 cups of sugar for every 3 cups of flour. If Mike uses 11 cups of flour, how many cups of sugar should he add?

Example 2: A boy 5 feet tall is standing next to a tree 26 feet high on a sunny day. If the tree's shadow is 40 feet long, how long is the girl's shadow?

Example 3: A 200 pound person needs 120 milligrams of a medication. How much medication would be needed by a 130 pound person?

Example 4: On average Steph Curry scores 115 points every 4 games. How many points will Curry score in 9 games?