

Name: _____

Date: _____

3.3 Word Problems

1) You pay a local gym \$40 a month to be a member. In addition you pay \$3 each time you want to rent the tennis court. Last month you paid a total of \$76.

a) Write an equation to represent the situation if you rent the court x times.

b) How many times did you rent the court?

2) Sarah bought a backpack for \$45 and some notebooks for \$0.89 each. She spent a total of \$50.34.

a) Write an equation to represent the situation if she bought n notebooks.

b) How many notebooks did she buy?

3) Troy and his brother are building a treehouse. They spent \$350 on wood and \$12.50 for each window. They spent a total of \$387.50.

a) Write an equation to represent the situation if they bought w windows.

b) How many windows did they buy?