

## Algebra 1 Yearlong Story Problem Worksheet 1

- 1) I have 150 total coins, all nickels and dimes. I have 12 more dimes than nickels. How many nickels and how many dimes do I have?
- 2) There are 37 people in this class. There are 9 more boys than girls. How many boys and how many girls are in the class?
- 3) The perimeter of a rectangle is 160 feet. One fourth of the length is the same as twice the width. What are the dimensions of the rectangle?
- 4) A vending machine takes only nickels and dimes. At the end of the day, there were three times as many nickels as dimes, and a total of \$25. How many of each coin were there?