QUIZ 1 - MATH 102 YOUR NAME:_____

Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. GOOD LUCK!!

1. List the elements of the set

{x: x is a natural number and x < 4}

and graph it on the real line.

2. Consider the compound interval

$$(-\frac{3}{2},5] \cap [1,6)$$

Draw it on the real line and rewrite it as a single interval in interval notation.