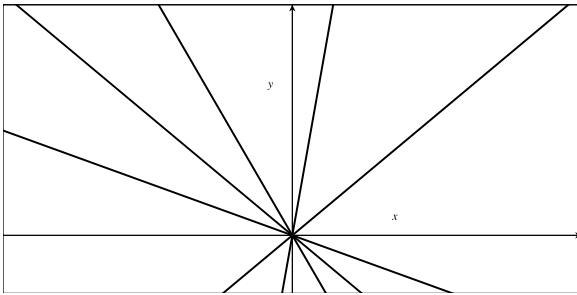# Quiz 1

Part A: [1] True/False. No partial credit is given.

    T   F   The symbols $\overline{AB}$ and $\overline{BA}$ determine the same geometric figure.

    T   F   All two points are collinear.

Part B: Show *all* your work on the following. A right answer with no supporting work will receive no credit.

1. [2] Find the measure of $x + y$ provided:

2. [2] Find the measure of x provided:

3. [5] *Justify* the following fact to a 5th grader:

The number of diagonals in an n-gon is given by the formula: $\dfrac{(n-3)n}{2}$.