

NAME: _____ Score _____/10

Please **print** your name

1. If a point is in the second quadrant of the Cartesian coordinate system then its first coordinate is **negative** and its second coordinate is **positive**.
2. T **F** The graph of a function f consists of all those points and only those points (x, y) for which $f(y) = x$.
3. T **F** The points $(3, 5)$ and $(3, 7)$ can both be on the graph of a function f .
4. If the second coordinate of a point is positive, the point is above the **x-axis** in the Cartesian coordinate system.
5. **(2 pts each)** Write each of the following statements using normal mathematical notation. (function notation)
 - a. The point $(5, 8)$ is on the graph of the function f . **$f(5) = 8$**
 - b. The range element associated with 5 by the function f is π . **$f(5) = \pi$**
 - c. $2 + \sqrt{5}$ is range element associated with 9 by the function named squib. **$\text{squib}(9) = 2 + \sqrt{5}$**