

NAME: _____ Score _____/10

Please **print** your name

1. T F If f is a function and $f(3) = 2$, then the point $(2,3)$ is on the graph of f .
2. T F If f is a function and $f(3) = 2$, then the point $(3,2)$ is on the graph of f .
3. T F The rule for the composition $f \circ g$ is $f \circ g(x) = f(g(x))$.
4. T F The rule for the composition $f \circ g$ is $f \circ g(x) = g(f(x))$.
5. T F Composition of functions is a commutative operation.
6. A linear function is a function whose rule may be written in the form _____ where m and b are real numbers.
7. The vertex of the graph of a quadratic function is _____.
8. (3 points) State the Law of Trichotomy