

NAME: _____ Score _____ /10

Please **print** your name

1. A sequence is a **function** whose domain is the Natural Numbers.
2. The determinant is a **function** whose domain is the set of square matrices.
3. The logarithm base e is a **function** which is the inverse of exp.
4. Absolute value is a piecewise defined **function**.
5. The composition of f with g is a **function** whose rule is $f \circ g(x) = f(g(x))$.
6. The sum of two functions is a **function**.
7. The determinant is a recursively defined **function**.
8. The graph of a **function** is the set of points of the form $(x, f(x))$.
9. If a graph passes the vertical line test, then it is the graph of a **function**.
10. If a graph passes the horizontal line test, then it is a **function** which has an inverse.