

NAME: _____ Score _____ /10

Please **print** your name

1. A linear function is a function whose rule may be written as $f(x) = \underline{\hspace{2cm}}$.
2. A quadratic function is a function whose rule may be written as $f(x) = \underline{\hspace{2cm}}$.
3. A polynomial function is a function whose rule may be written as
 $f(x) = \underline{\hspace{2cm}}$.
4. A rational function is a function whose rule can be written as
 $f(x) = \underline{\hspace{2cm}}$.
5. The exponential function base e is the function whose rule may be written as $\exp(x) = \underline{\hspace{2cm}}$.
6. The exponential function base 10 is the function whose rule may be written as $\exp_{10}(x) = \underline{\hspace{2cm}}$.
7. The absolute value function is the function whose rule may be written as
 $\text{Abs}(x) = \underline{\hspace{2cm}}$.
8. An arithmetic sequence is a function whose rule may be written as $a(n) = \underline{\hspace{2cm}}$.
9. A constant function is a function whose rule may be written as $f(x) = \underline{\hspace{2cm}}$.
10. The identity function is the function whose rule may be written as $f(x) = \underline{\hspace{2cm}}$.