

Name _____ Score _____/10

Please Print Clearly

Rules for functions are given at the top of the page and graphs of functions are given below them. Match the graphs and the rules by writing the letter which identifies a graph in the blank preceding a rule for a function.

1. _____ $f(x) = \sqrt{x}$

2. _____ $f(x) = -3x + 3$

3. _____ $f(x) = x^2$

4. _____ $f(x) = x^3$

5. _____ $f(x) = -x^2$

6. _____ $f(x) = (x + 2)^2$

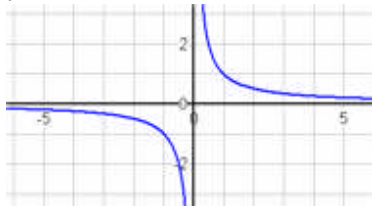

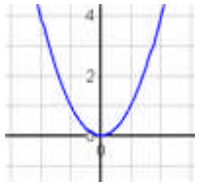
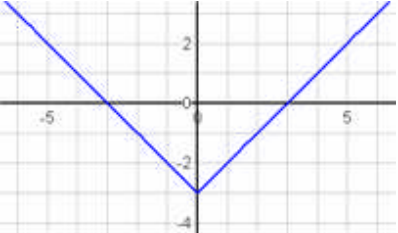
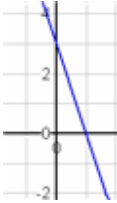
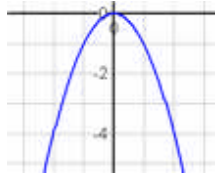

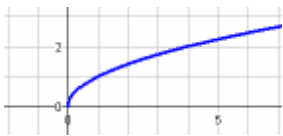
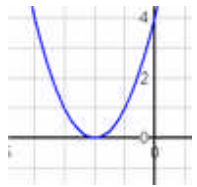

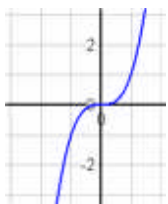
7. _____ $f(x) = |x| - 3$

8. _____ $f(x) = \frac{1}{x}$

9. _____ $f(x) = 3x + 3$

10. _____ $\exp(x) = e^x$

The graphs are shown in blue.

<p>A.</p> 	<p>B.</p> 	<p>C.</p> 
<p>D.</p> 	<p>E.</p> 	<p>F.</p> 
<p>G.</p> 	<p>H.</p> 	<p>I.</p> 
<p>J.</p> 	<p>K.</p> 	<p>L.</p> 