

Precalculus Unit 1: 1.4 Graph Matching Practice

Shifting, Stretching, and Graphing Functions

Match each function to its graph without using your calculator.

1. _____ $f(x) = (x - 1)^3 - 2$

2. _____ $f(x) = 5|x|$

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

4. _____ $f(x) = |-x|$

5. _____ $f(x) = 2(x - 4)^2 + 3$

6. _____ $f(x) = \frac{1}{5}|x|$

7. _____ $f(x) = -(x - 1)^3 - 2$

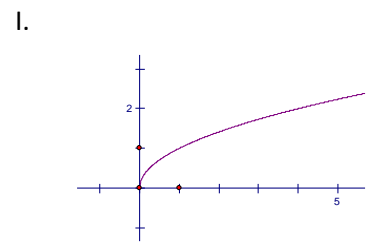
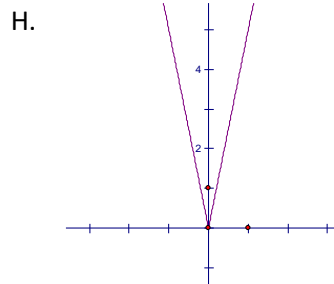
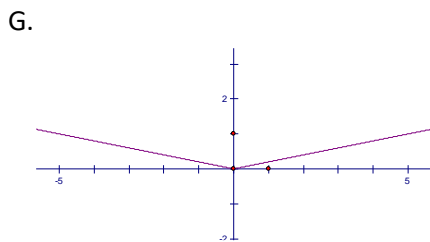
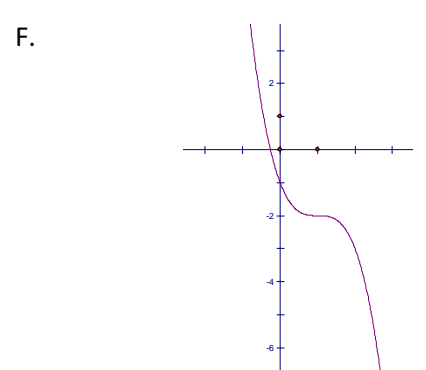
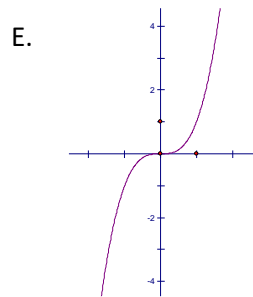
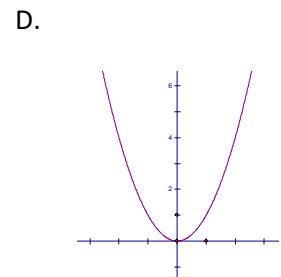
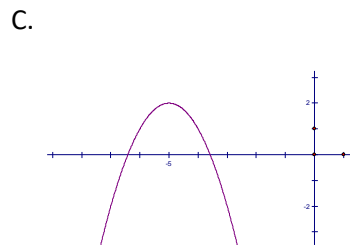
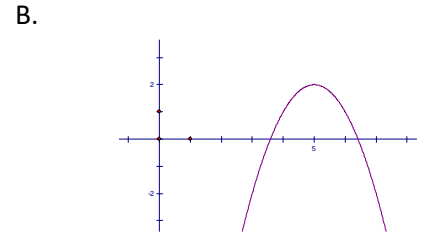
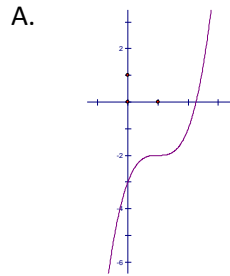
8. _____ $f(x) = \sqrt{x}$

9. _____ $f(x) = -|x|$

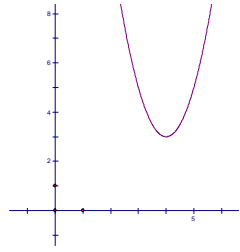
10. _____ $f(x) = 2 - (x - 5)^2$

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

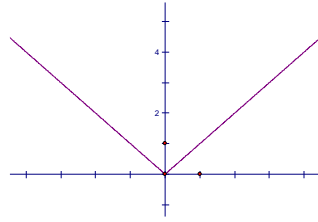
12. _____ $f(x) = x^3$



J.



K.



L.

