

H Alg 2

Transformation Worksheet #1

Identify the parent function. Describe each transformation.

1. $y = -4|x - 2| + 3$

2. $y = \frac{1}{3}x^5 - 2$

3. $y = \frac{-1}{(x+1)^2} + 5$

4. $y = -5\sin(2(x-3))$

5. $y = \frac{2}{5}x + 8$

6. $y = \sqrt{-2x} + 7$

7. $y = \log\left(\frac{2}{3}(x+1)\right) + 3$

8. $y = -5(x+2)^2 - 9$

9. $y = \frac{5}{3}(2)^{x-4} - 6$