

Trigonometry Pre-calculus Practice 2.2

Describe how to obtain the graph of the given monomial from the graph with the same power. State whether even or odd and sketch.

1. $f(x) = \frac{1}{3}x^4$

2. $f(x) = -2.5x^5$

3. $f(x) = \frac{1}{4}x^8$

Use the information about k and n to describe the graph of the function and then sketch it.

4. $f(x) = -2x^4$

5. $f(x) = \frac{2}{3}x^{-5}$

6. $f(x) = 5x^6$

7. $f(x) = 3x^{-6}$

8. $f(x) = 4x^7$

9. $f(x) = -3x^5$

10. $f(x) = -3x^{-5}$