

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

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