

Name \_\_\_\_\_

Date \_\_\_\_\_

### Classifying Even and Odd Functions - Independent Practice Worksheet

Classify all the functions as either even, odd, or neither.

1.  $f(x) = x^2 + x^4 - x^6$

2.  $f(x) = |x| + 6$

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

4.  $f(x) = 10x^3 - 4x^2 + 3x - 8$

5.  $f(x) = x^4 + x^8 - x^{10}$

6.  $f(x) = -2x^2 + 1$

7.  $f(x) = x^4 + x^8 - x^{16}$

8.  $f(x) = x^2 + x - 1$

9.  $f(x) = -x^7 + 8x^5 - x^3 + 6x$

10.  $f(x) = x^6 + x^{12} - x^{18}$

