

Name _____

Date _____

Classifying Even and Odd Functions - Matching Worksheet

Write the term that describes (even, odd, or neither) each function.

$$1. f(x) = x \cos(x)$$

neither

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

odd

$$3. f(x) = 1/x$$

even

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

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

$$6. f(x) = x^2$$

$$7. f(x) = x^3 + 5x + a$$

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

$$9. f(x) = x/2$$

$$10. f(x) = x^3 - 2x^2 + 4x + 1$$

