**Linear and Nonlinear Functions Practice**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_**

Is the function linear or nonlinear?

1. y = x2 + 7 \_\_\_\_\_\_\_\_\_\_

2. y = 6x + 4 \_\_\_\_\_\_\_\_\_\_

3. y = $\frac{1}{3}$x \_\_\_\_\_\_\_\_\_

4. y = $\frac{2}{x}$ + 3 \_\_\_\_\_\_\_\_\_

5. x = 2 \_\_\_\_\_\_\_\_\_\_

6. y = -x \_\_\_\_\_\_\_\_\_\_

7. y = 3x2 – 4x + 2 \_\_\_\_\_\_\_\_\_\_\_

8. y = -4x + 5 \_\_\_\_\_\_\_\_\_\_\_

9. y = -3 \_\_\_\_\_\_\_\_\_\_\_\_

10. y = 2x3 + 1 \_\_\_\_\_\_\_\_\_\_\_

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