

Linear or Nonlinear Functions

WS #2

Determine whether each function is linear or nonlinear.

1) $3x + 2y = 7$

2) $xy + 4 = 1$

3) $\frac{3}{x} = y$

4) $y = 3\sqrt{x} + 7$

5) $y - x = 2$

6) $4x^2 + y = 5$

7) $9x - 2 = \frac{y}{2}$

8) $\frac{y}{2x - 5} = -2$

9) $3x - 2 = \frac{1}{y}$

10) $3.6 = 2.1x + y$
