

Linear or Nonlinear Functions

WS #3

Determine whether each function is linear or nonlinear.

1) $y = \sqrt{x + 3}$

2) $x - y = 0$

3) $y = 3xy + 2$

4) $y = 12x^3$

5) $\frac{x}{2} = \frac{y}{3} + \frac{1}{4}$

6) $x^2 - 3x + 4 = y$

7) $(2x + 1)y = 1$

8) $y = \frac{2x - 3}{5}$

9) $y = 3.2$

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