

Direct and Inverse Variation

1) Select all the equations that model direct variation.

a) $\frac{y}{x} - 5 = 1$ b) $2 - \frac{y}{x} = -2$ c) $-x - y = 0$ d) $xy - 5 = 1$

2) Which of the following equations model direct variation?

a) $y + x = 0$ b) $y - 1 = 3x$ c) $\frac{x}{y} + 2 = 1$ d) $\frac{y}{x} - 6 = -5$

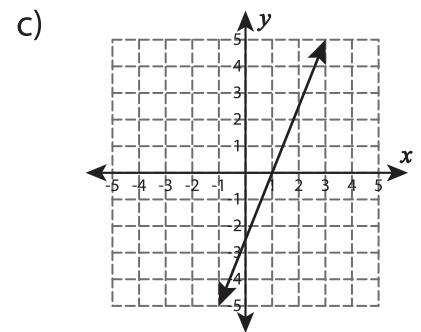
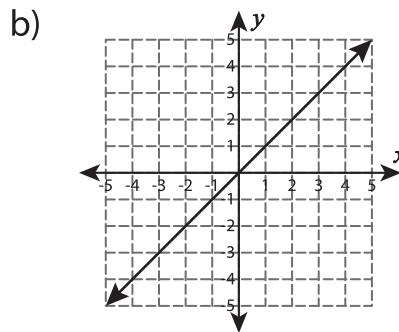
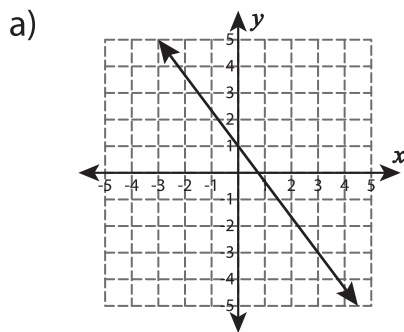
3) Select all the equations that model inverse variation.

a) $\frac{x}{y} + 7 = 8$ b) $2y = \frac{10}{x}$ c) $-y + \frac{6}{x} = 0$ d) $5y = -y + \frac{3}{x}$

4) Which of the following equations model inverse variation?

a) $\frac{7}{x} = y$ b) $-y - \frac{1}{x} = 0$ c) $\frac{y}{x} - 4 = 9$ d) $x = \frac{2}{y}$

5) Select the graph that shows direct variation.



6) Select the graph that shows inverse variation.

