

# Direct and Inverse Variation

1) Which of the following equations model inverse variation?

a)  $\frac{y}{x} + 2 = 10$       b)  $y - \frac{7}{x} = 0$       c)  $4y = -2y + \frac{3}{x}$       d)  $3y = \frac{9}{x}$

2) Select all the equations that model inverse variation.

a)  $x = \frac{1}{y}$       b)  $-y - \frac{5}{x} = 0$       c)  $\frac{x}{y} + 5 = 9$       d)  $\frac{8}{x} = y$

3) Which of the fo

a)  $-9x - 3y =$

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

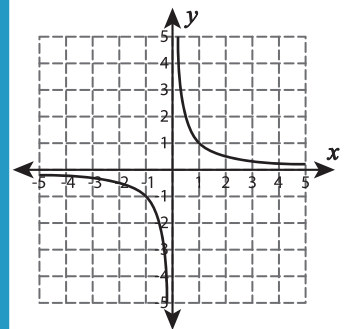
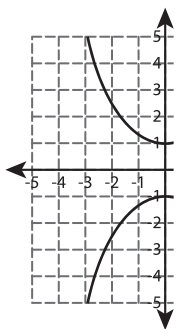
4) Select all the ec

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

d)  $xy + 7 = 8$

5) Select the graph

a)



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6) Select the graph that shows direct variation.

