

Direct and Inverse Variation

1) Select all the equations that model inverse variation.

a) $2y = \frac{8}{x}$ b) $\frac{y}{x} + 7 = 21$ c) $7y - \frac{14}{x} = 0$ d) $6y = -8y + \frac{2}{x}$

2) Select all the equations that model direct variation.

a) $\frac{x}{y} + 1 = 4$ b) $\frac{y}{x} - 10 = -8$ c) $4y - 12x = 0$ d) $2xy + 6 = 9$

3) Which of the fo

a) $\frac{15}{x} = 3y$

d) $x = \frac{10}{y}$

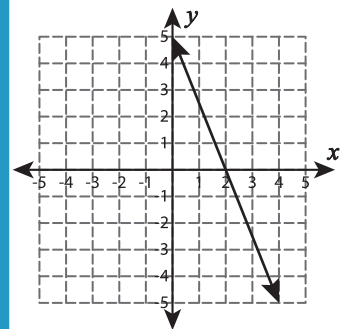
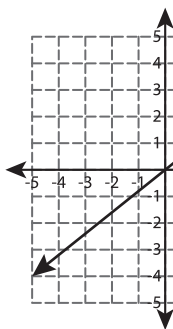
4) Which of the fo

a) $5y - 2 = 3x$

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

5) Select the graph

a)



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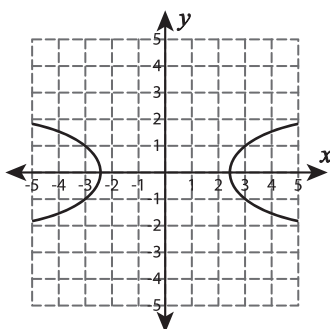
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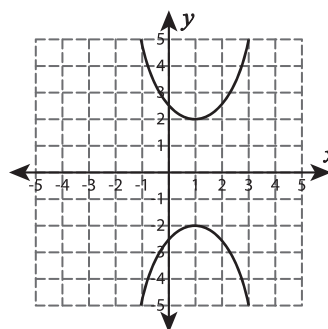
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6) Select the graph that shows inverse variation.

a)



b)



c)

