

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

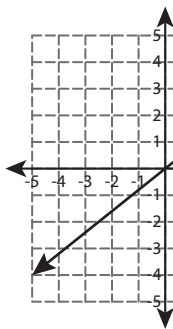
4) Which of the fo

a)  $5y - 2 = 3x$

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

5) Select the graph

a)



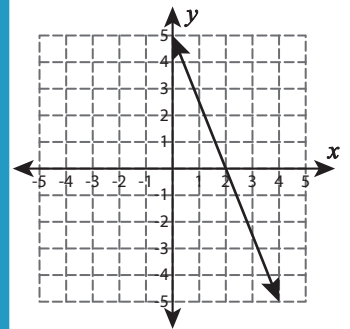
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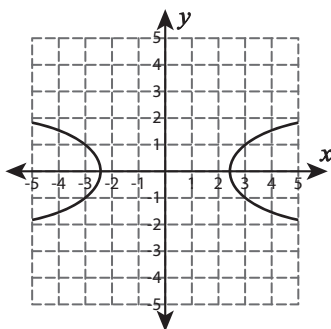
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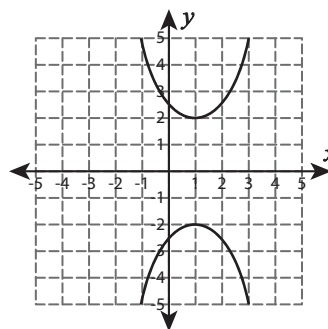


6) Select the graph that shows inverse variation.

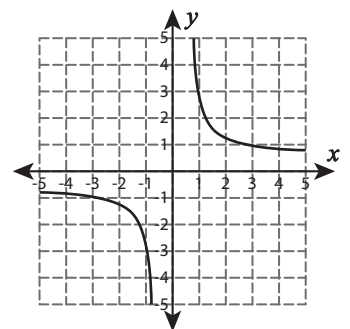
a)



b)



c)



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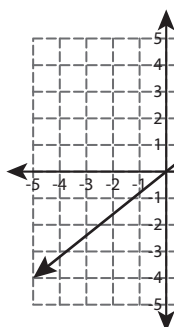
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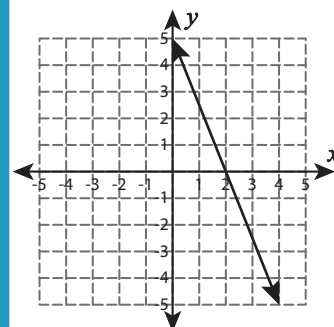
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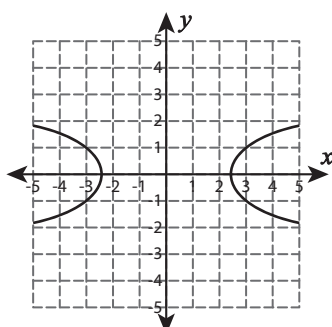
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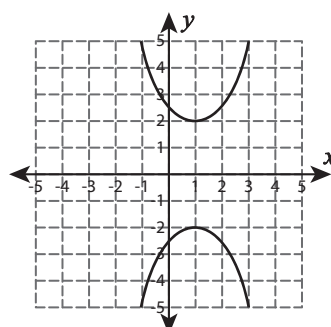


6) Select the graph that shows inverse variation.

a)



b)



c)

