9/3/2015

1)
$$f(x) = x^2 - 4 = (x+2)(x-2) = x+2$$

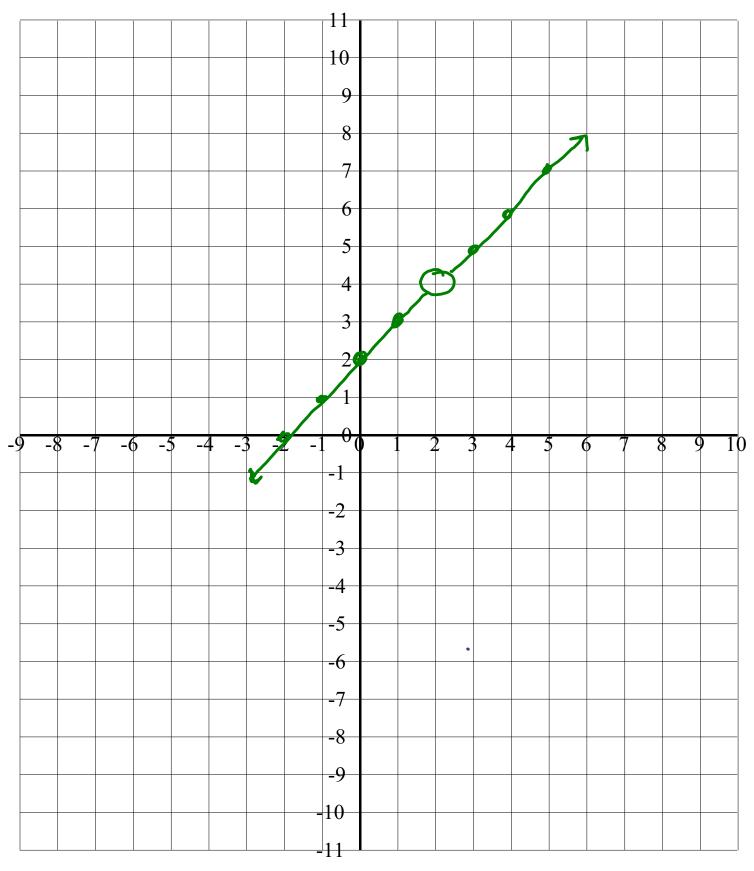
 $x-2 = x/2$

$$y = 2 + 2 = 4$$

$$(2, 4)$$

VA: no HA: no SA: no

No denom. = No asymp.



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$$y = \frac{1}{2} + \frac{1}{3}$$

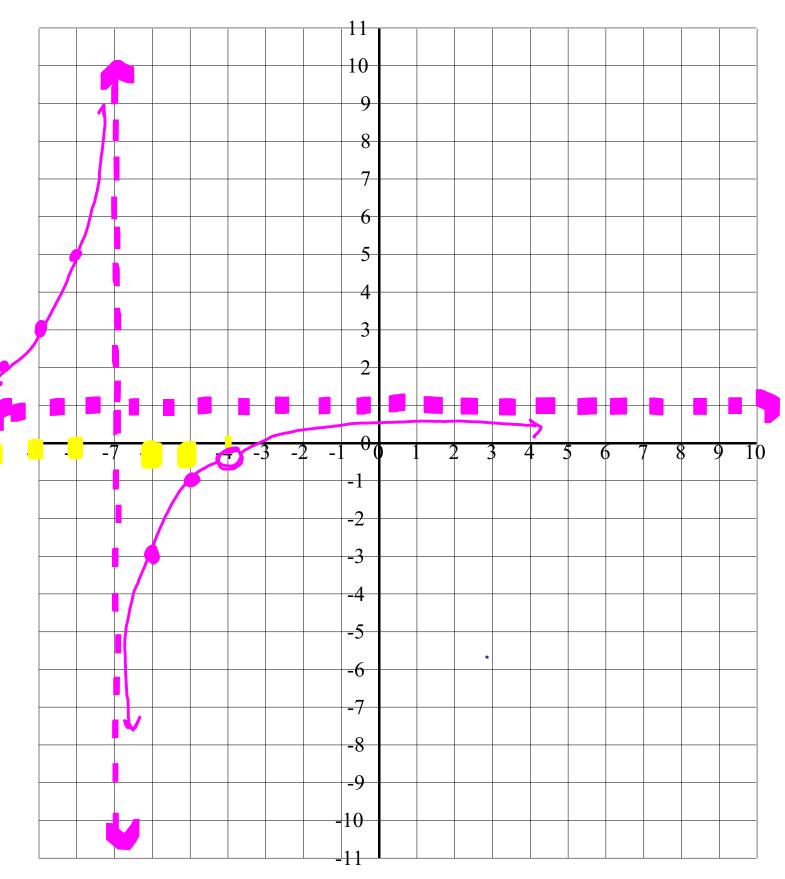
$$\frac{1}{2} + \frac{1}{3}$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$$

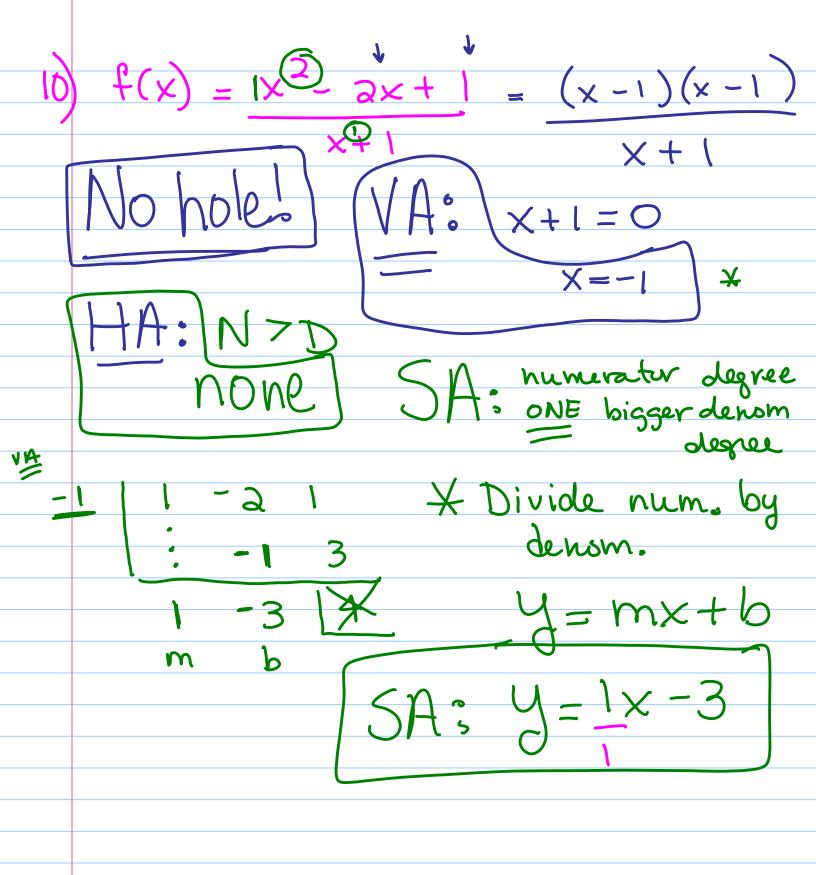
$$\frac{1}{3} + \frac{1}{3} +$$

* choose 3 x-valus
on each side of
every vertical
asymptote!

$$f(x) = \int_{A+7}^{A+7} (x) dx + \int_{A+7}^{A+7}$$



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$$y = \frac{(x-1)(x-1)}{x+1}$$

$$y = \frac{(x-1)(x-1)}{x+1}$$

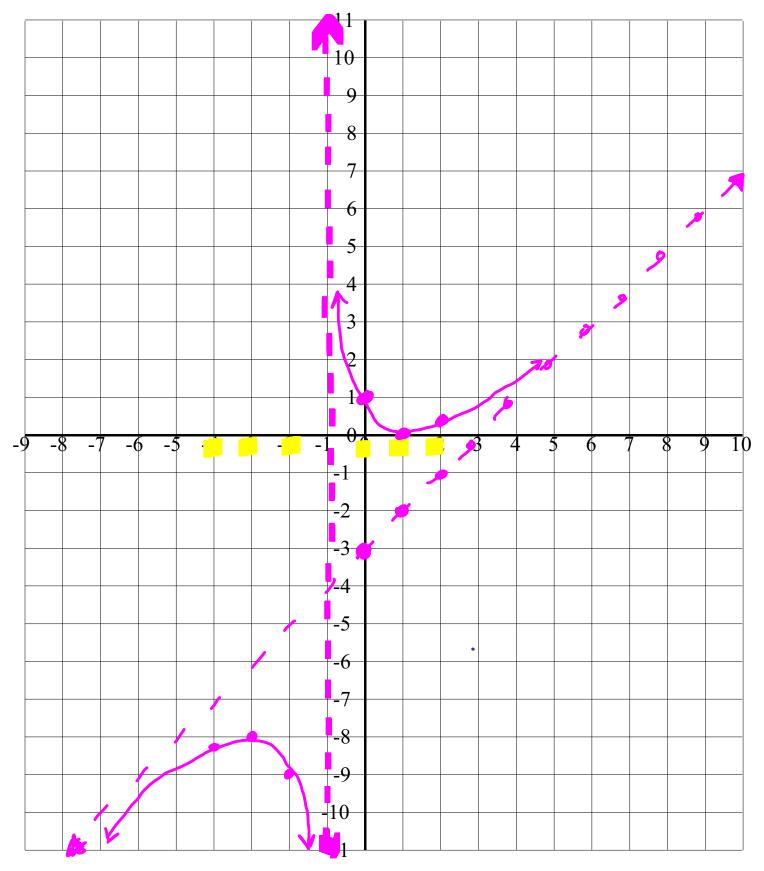
$$y = \frac{-5 \cdot -5}{-3} = \frac{-35}{-3} = -8\frac{1}{3}$$

$$-\frac{4 \cdot -4}{-2} = \frac{14}{-2} = -8$$

$$-\frac{3 \cdot -3}{-1} = \frac{9}{-1} = -9$$

$$\frac{-1 \cdot -1}{3} = \frac{1}{3} = 0$$

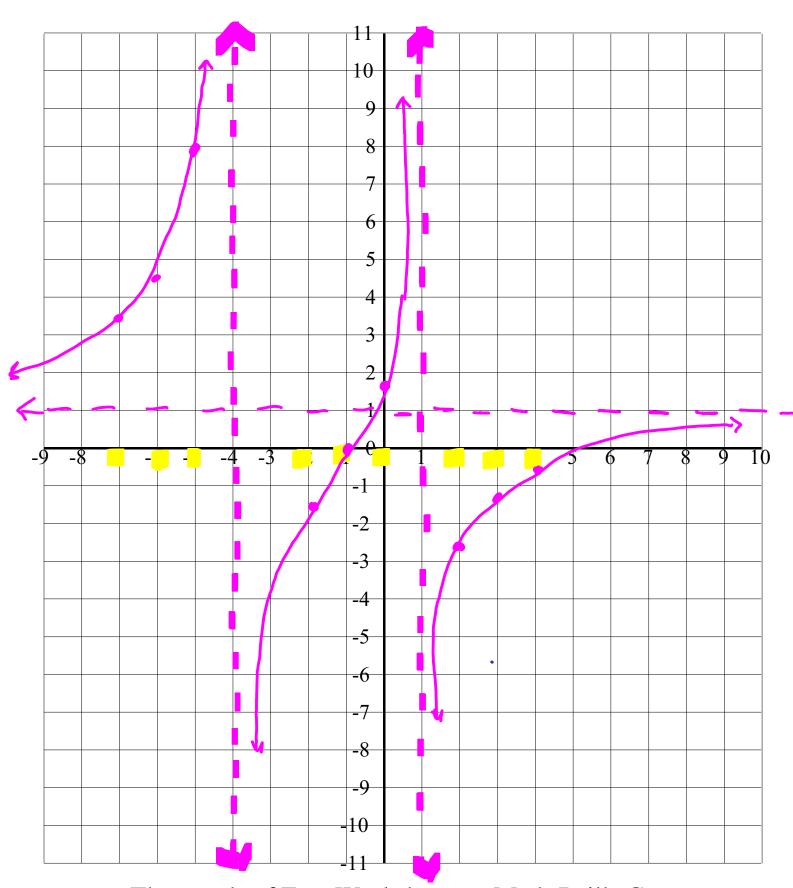
$$\frac{1 \cdot 1}{3} = \frac{1}{3}$$



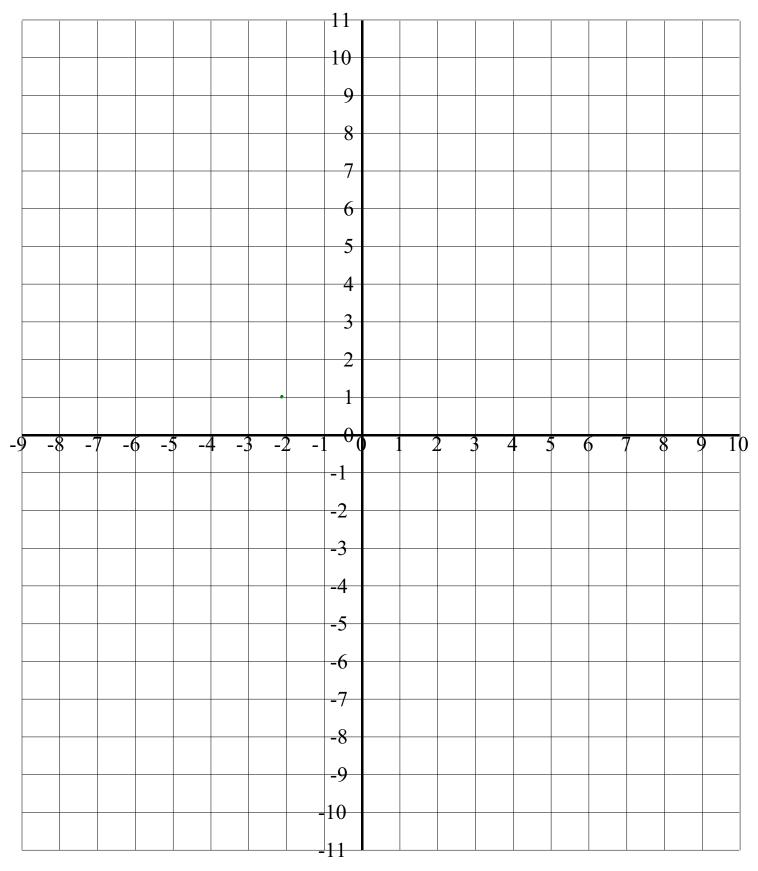
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15)
$$f(x) = 1 x^{2} - 6x - 7 = (x - 7)(x + 1)$$

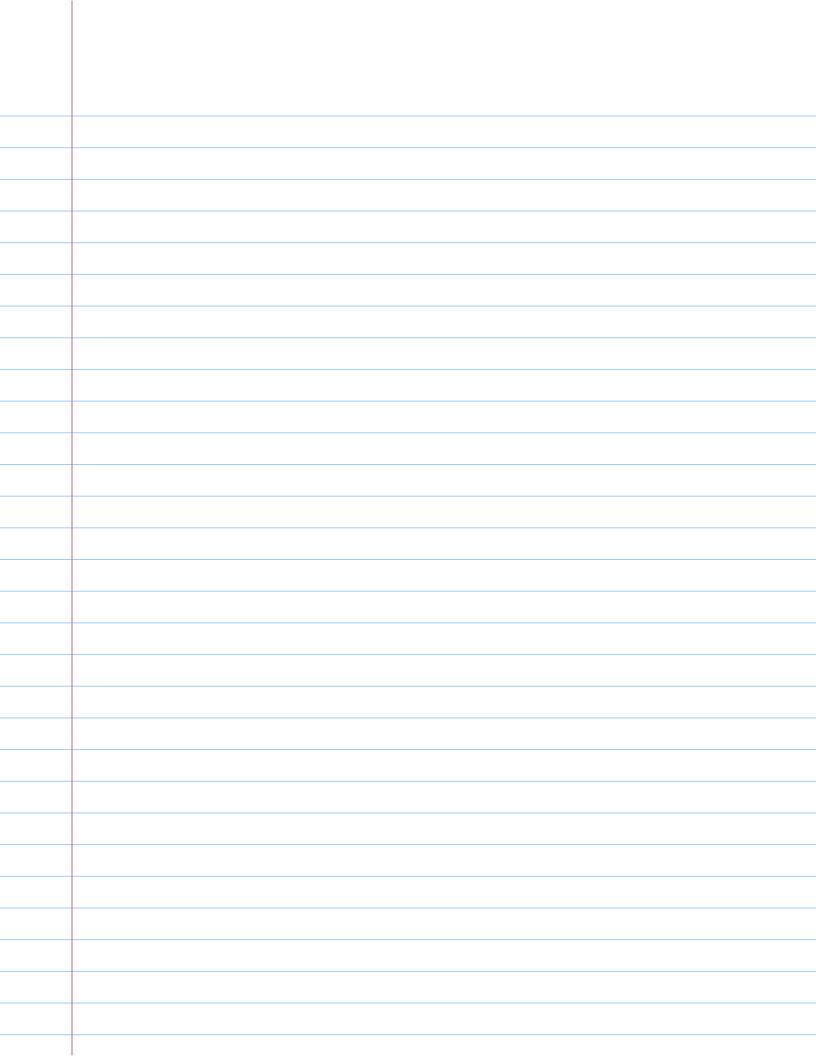
No hole! $A = 0 = 0$
 $A = 0 = 0$

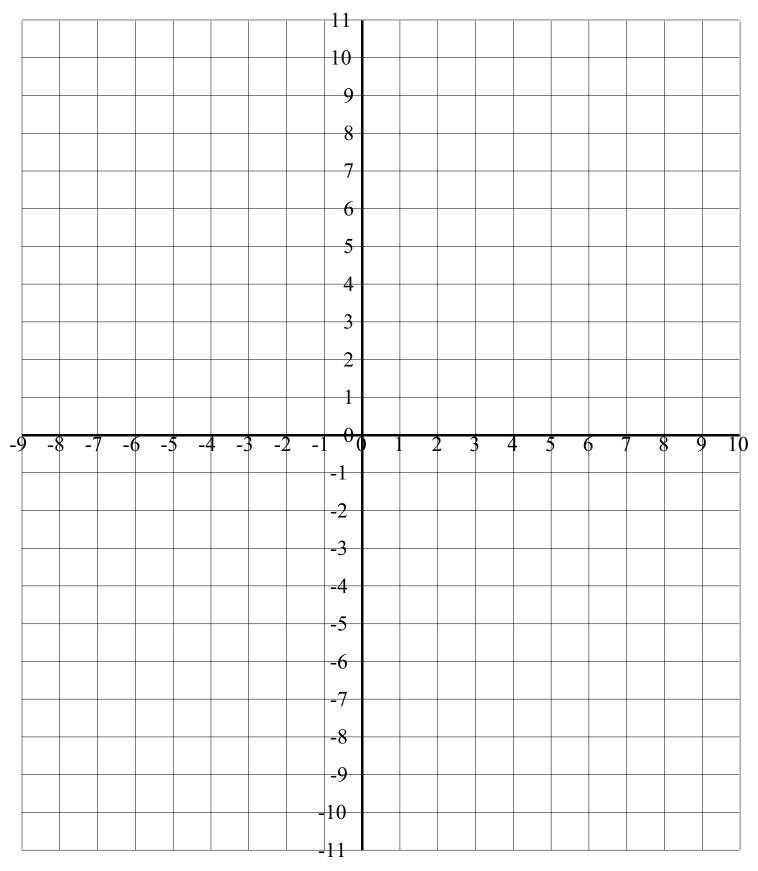


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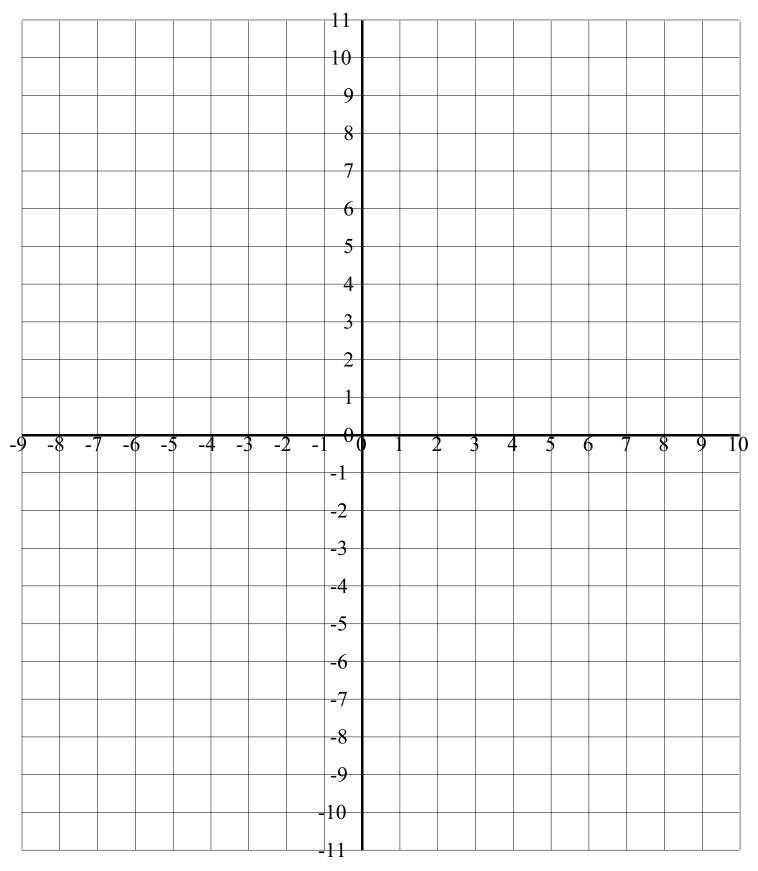


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