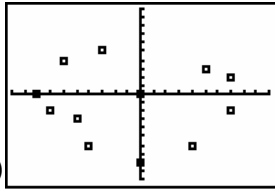


Algebra I

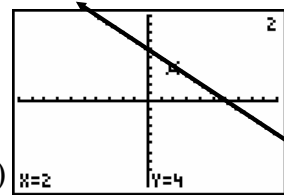
pg 357 - Solutions

1-12)

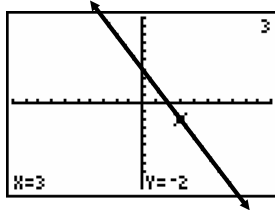


- 13) E 14) P
- 15) ZHYL 16) GFY
- 17) IXOP 18) JOE
- 19) JIP 20) EX
- 21) OZ 22) OLD
- 23) V 24) B

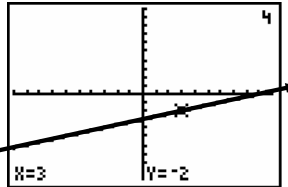
26)



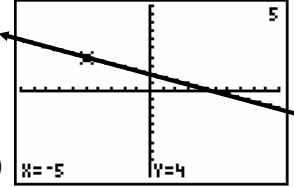
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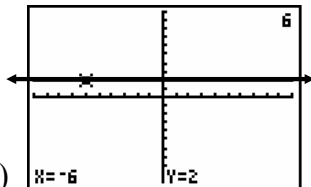
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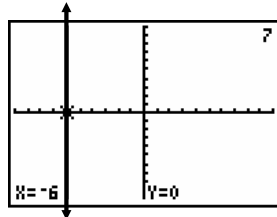
32)



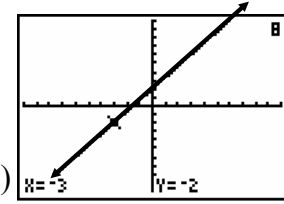
34)



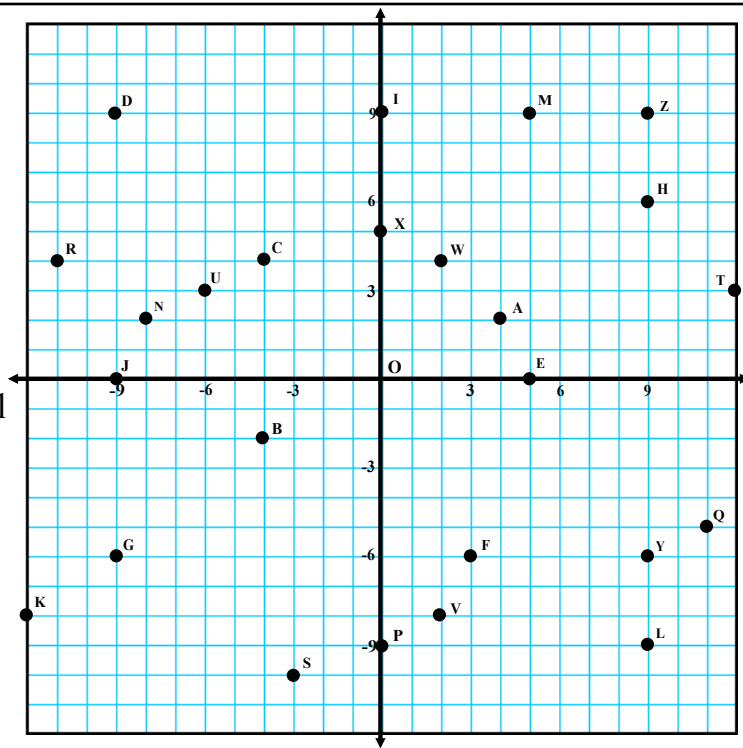
36)



40)



- 13) The point on the positive x -axis
- 14) The point on the negative y -axis
- 15) Points on the vertical line through Z
- 16) Points on the horizontal line through Y
- 17) x coordinate zero
- 18) y coordinate zero



19) The point on the axes
9 units from the origin

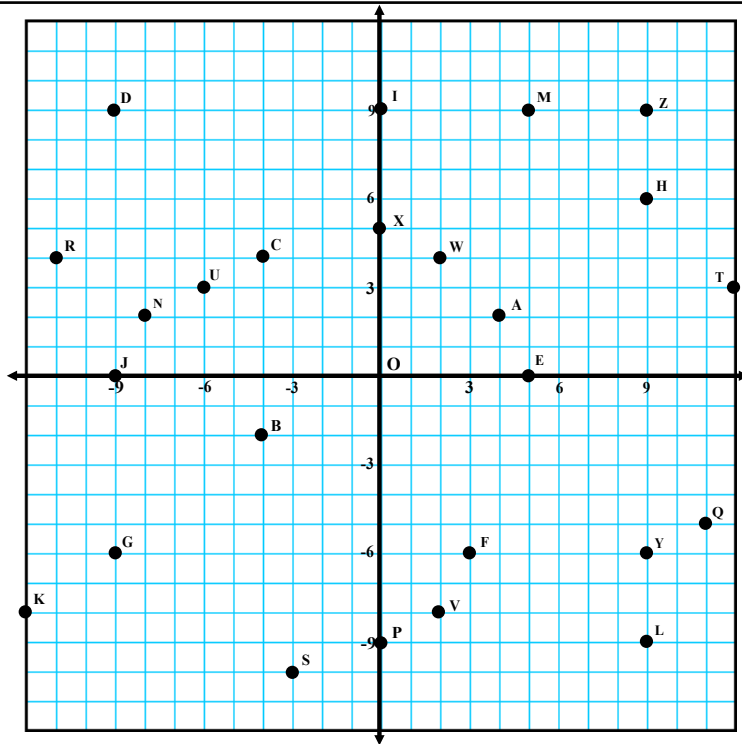
20) The point on the axes
5 units from the origin

21) equal x and y
coordinates

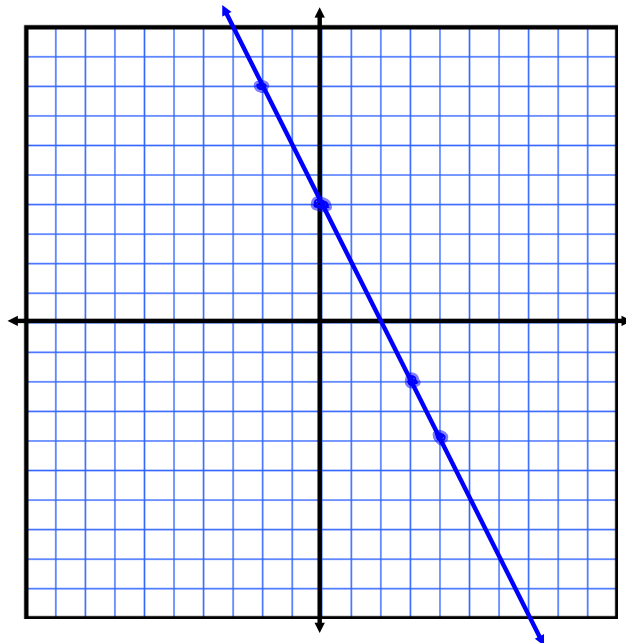
22) opposite x and y
coordinates

23) Quadrant IV nearest
the y axis

24) Quadrant III nearest
the x axis



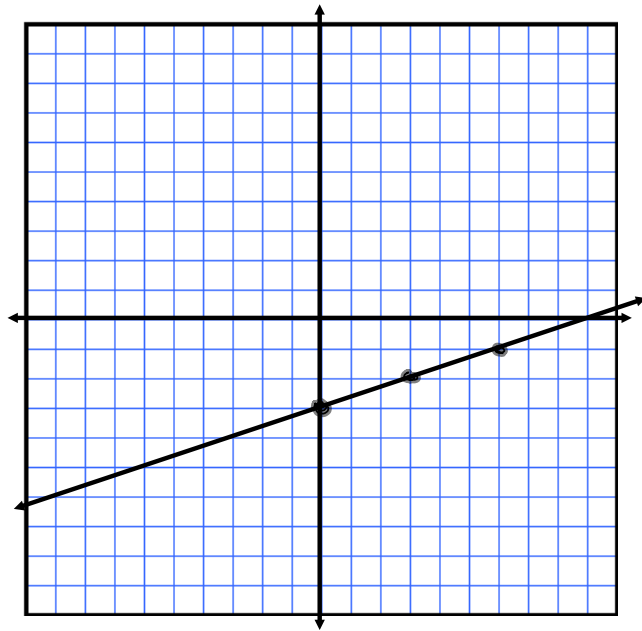
26) $x + y = 6$



28) $y = -2x + 4$

- $(0, 4)$
- $(-2, 8)$
- $(4, -4)$
- $(5, -6)$
- $(3, -2)$

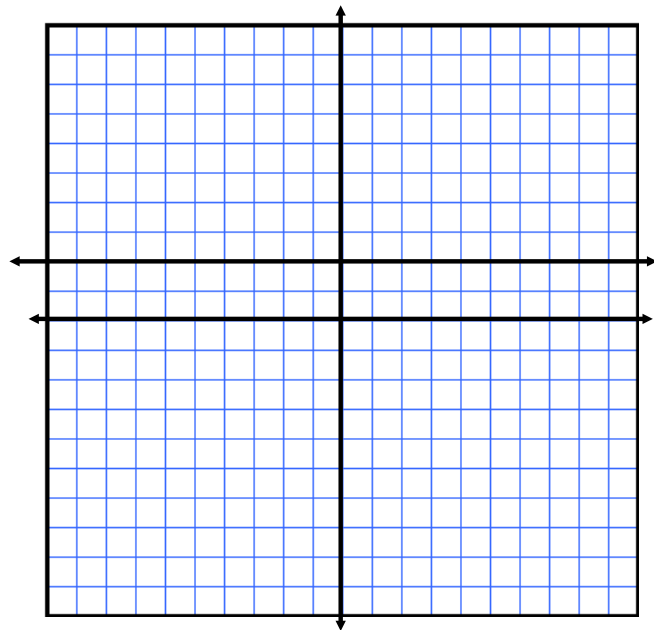
30) $x - 3y = 9$ $(0, -3)$
 $(6, -1)$ $(9, 0)$
 $(3, -2)$



32) $2x + 5y = 10$

34) $y = 2$

36) $x = -6$



40) $\left(\frac{y}{4} - \frac{x}{3} = \frac{1}{2}\right) \cdot 12$

$$3y - 4x = 6$$

$$(0, 2)$$

$$(3, 6) (6, 10)$$

$$(-3, -2)$$

$$\left(-\frac{3}{2}, 0\right)$$

$$\begin{aligned} 3(0) - 4x &= 6 \\ -4x &= 6 \\ x &= -\frac{6}{4} \end{aligned}$$

