

MAT 090 Chapter 4.1 - Homework

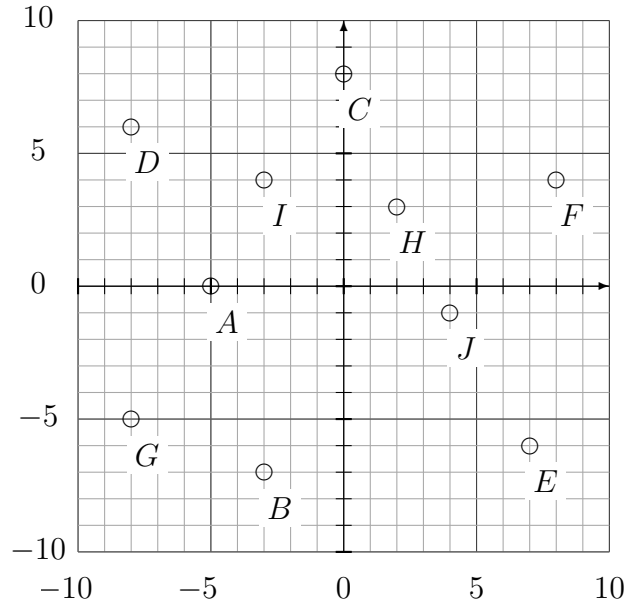
Name: _____

Class: _____

Date: _____

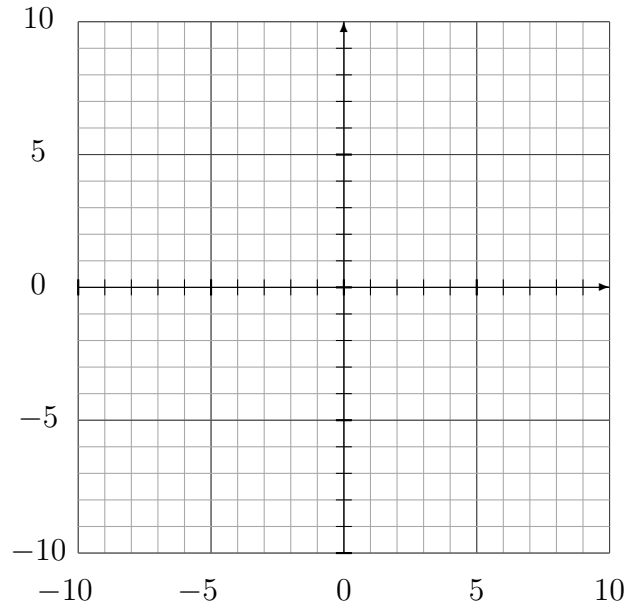
Give the coordinates of the points on the graph.

- | | |
|------------------|-------------------|
| 1. Point A _____ | 6. Point F _____ |
| 2. Point B _____ | 7. Point G _____ |
| 3. Point C _____ | 8. Point H _____ |
| 4. Point D _____ | 9. Point I _____ |
| 5. Point E _____ | 10. Point J _____ |



Plot the points with the following points on the graph **AND** label each point by placing the corresponding letter next to each point.

- | | |
|-----------------|----------------|
| 11. $K(5, 3)$ | 16. $P(0, -3)$ |
| 12. $L(-4, -5)$ | 17. $Q(5, 0)$ |
| 13. $M(7, 8)$ | 18. $R(-2, 7)$ |
| 14. $N(0, -9)$ | 19. $S(3, 2)$ |
| 15. $O(-1, -4)$ | 20. $T(7, -3)$ |



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Complete the following ordered pairs.

21. $3x + y = 9$

($_$, -3)

25. $2x + 5y = 20$

(10, $_$)

22. $5x - y = 15$

($_$, -5)

26. $y = 3x + 9$

($\frac{2}{3}$, $_$)

23. $x - 3y = 9$

(3, $_$)

27. $6x + 8y = 24$

($_$, $-\frac{3}{4}$)

24. $4x - 2y = 16$

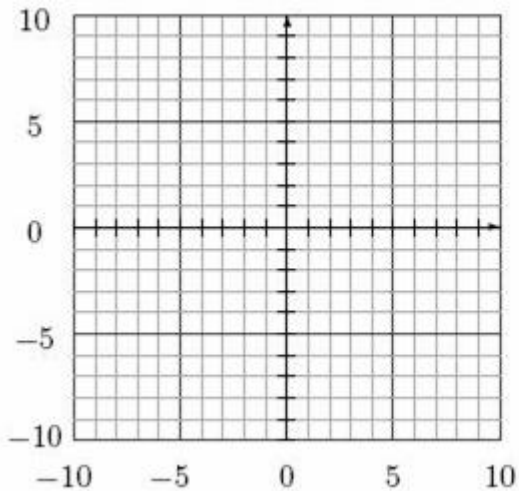
($_$, -4)

28. $x = 3y - 4$

($_$, $\frac{4}{3}$)

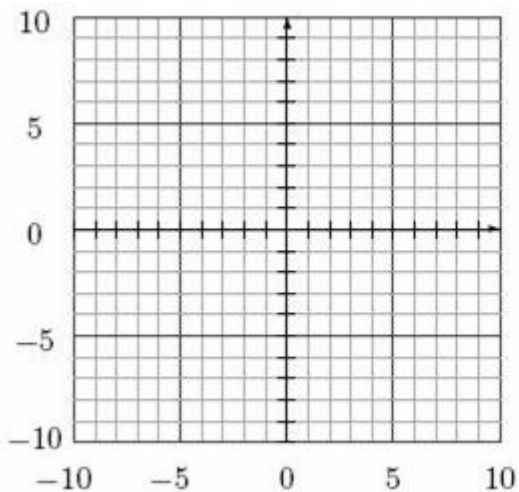
Graph the ordered-pair solutions of the equation for the given values of x .

29. $y = -2x$ for $x = -4, 0, 4$.



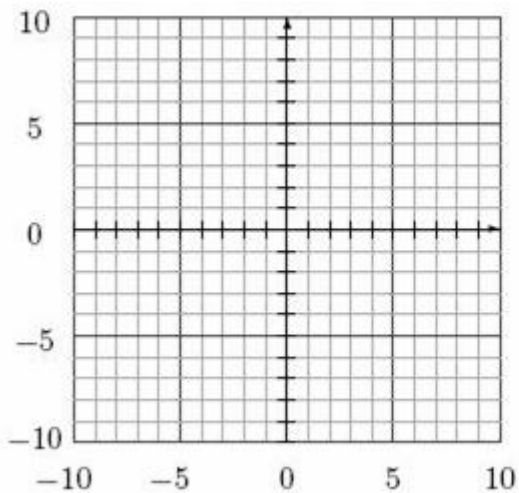
x	y

30. $y = -\frac{1}{3}x - 2$ for $x = -6, 0, 6$.



x	y

31. $x - 2y = 4$ for $x = -4, 0, 4$



x	y