Name _____ Date _____

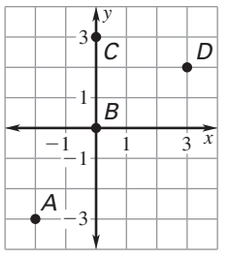
LESSON 4.1

Practice A

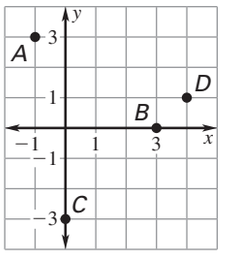
For use with pages 206–212

Give the coordinates of the points labeled *A*, *B*, *C*, and *D*.

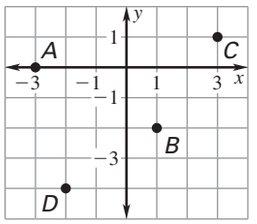
1.



2.

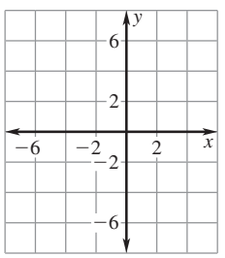


3.

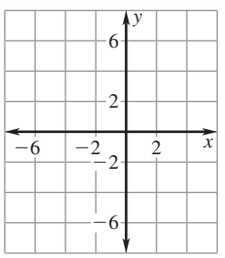


Plot the point in a coordinate plane. *Describe* the location of the point.

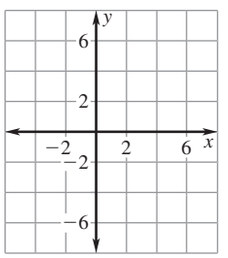
4. $A(-5, 0)$



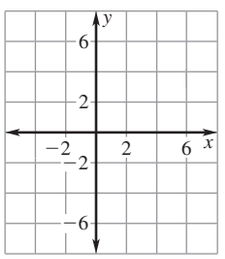
5. $P(-6, 2)$



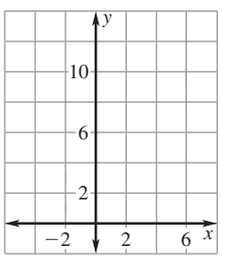
6. $Q(0, -4)$



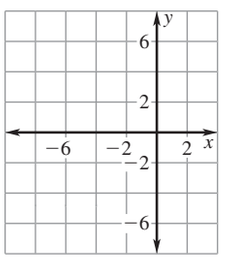
7. $V(6, 4)$



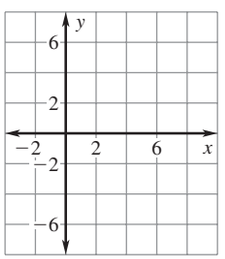
8. $S(0, 11)$



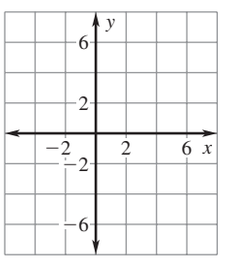
9. $T(-3, -5)$



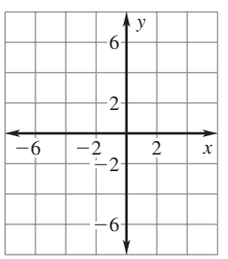
10. $B(8, 0)$



11. $W(2, -2)$



12. $R(-4, 3)$



Name _____ Date _____

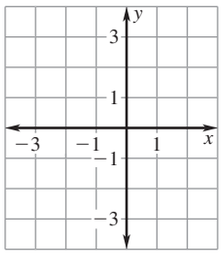
LESSON 4.1

Practice A *continued*

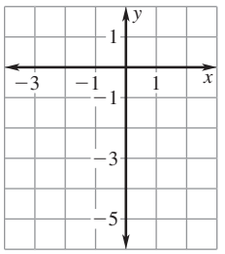
For use with pages 206–212

Graph the function with the given domain. Then identify the range of the function.

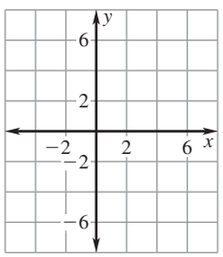
13. $y = x + 1$; domain: $-2, -1, 0, 1, 2$



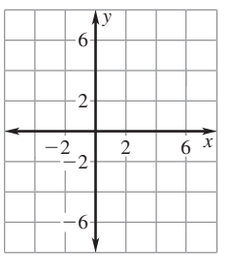
14. $y = x - 3$; domain: $-2, -1, 0, 1, 2$



15. $y = 3x$; domain: $-2, -1, 0, 1, 2$



16. $y = \frac{1}{2}x$; domain: $-4, -2, 0, 2, 4$



Without plotting the point, tell whether it is in Quadrant I, Quadrant II, Quadrant III, or Quadrant IV.

17. $(2, 4)$

18. $(1, -7)$

19. $(-5, 10)$

20. $(7, -3)$

21. $(-11, -3)$

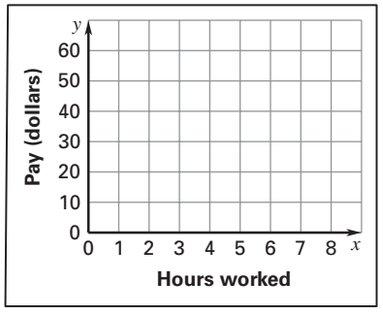
22. $(8, 8)$

23. **Hourly Pay** The table shows the number of hours worked and the corresponding pay in dollars.

Hours worked	1	2	3	5	8
Pay (dollars)	7.50	15.00	22.50	37.50	60

a. Graph the data from the table.

b. Does the graph represent a function? Why or why not?



24. **Basketball** The table shows the heights (in inches) of players on a high school basketball team and how many players are each height.

Height (inches)	69	70	71	72	73	74	75	76	77
Number of players	0	2	1	4	3	2	1	0	1

a. Graph the data from the table.

b. Does the graph represent a function? Why or why not?