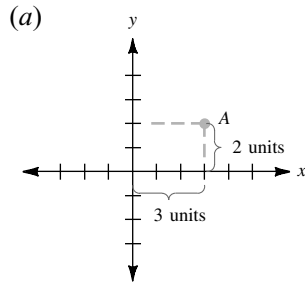


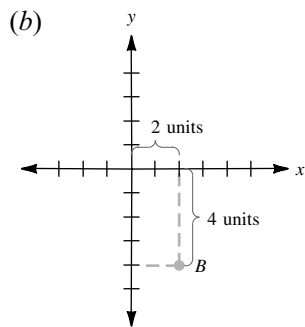
Reading a Point in the Coordinate Plane

• Example 1

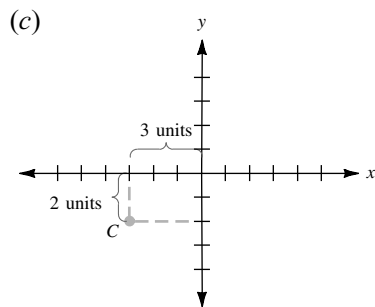
Give the coordinates for the given points.



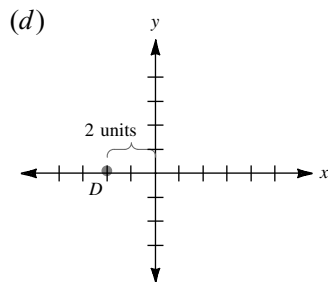
Point *A* is 3 units to the *right* of the origin and 2 units *above* the *x*-axis. Point *A* has coordinates $(3, 2)$.



Point *B* is 2 units to the *right* of the origin and 4 units *below* the *x*-axis. Point *B* has coordinates $(2, -4)$.



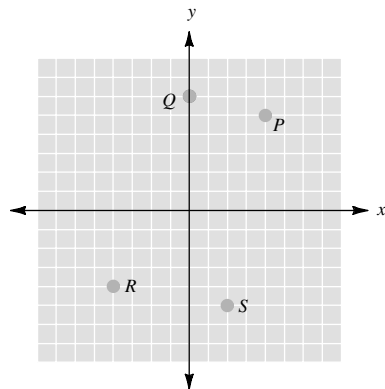
Point *C* is 3 units to the *left* of the origin and 2 units *below* the *x*-axis. *C* has coordinates $(-3, -2)$.



Point *D* is 2 units to the *left* of the origin and *on* the *x*-axis. Point *D* has coordinates $(-2, 0)$.

● ● ● CHECK YOURSELF 1

Give the coordinates of points P , Q , R , and S .



P _____

Q _____

R _____

S _____

● ● ● CHECK YOURSELF ANSWER

1. $P = (4, 5)$, $Q = (0, 6)$, $R = (-4, -4)$, and $S = (2, -5)$.

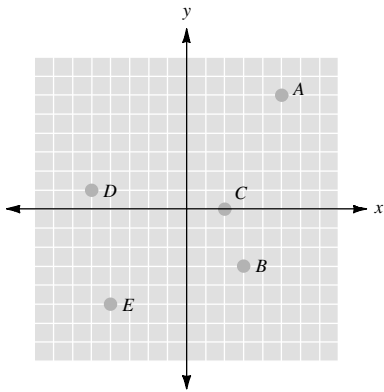
3.1 Exercises

Name _____

Section _____

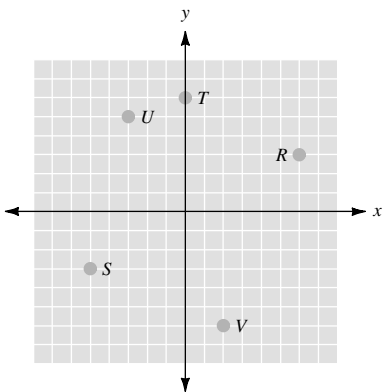
Date _____

Give the coordinates of the points graphed below.



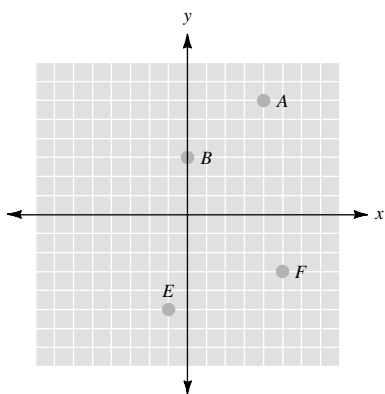
- 1. *A*
- 2. *B*
- 3. *C*
- 4. *D*
- 5. *E*

Give the coordinates of the points graphed below.



- 6. *R*
- 7. *S*
- 8. *T*
- 9. *U*
- 10. *V*

Give the coordinates of the points graphed below



- 11. *A*
- 12. *B*
- 13. *E*
- 14. *F*

A N S W E R S

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____