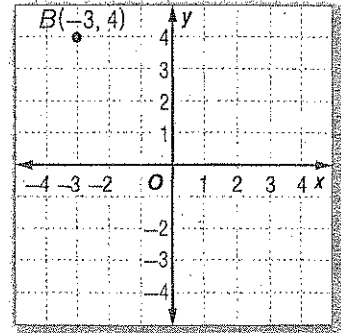


Extra Practice

Graph and label each point on the coordinate plane to the right.

21. $B(-3, 4)$ The x -coordinate is -3 . The y -coordinate is 4 . 22. $D(-1.5, 2.5)$

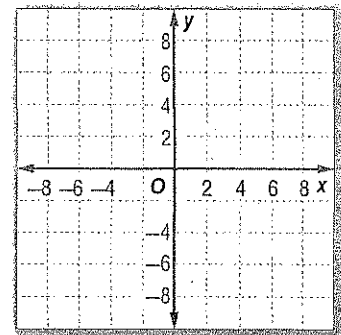


23. $A(4\frac{3}{4}, -1\frac{1}{4})$ 24. $J(2\frac{1}{2}, -2\frac{1}{2})$

25. $C(1, 4.5)$ 26. $F(-4, -3.5)$

27. $G(3\frac{1}{2}, 3)$ 28. $H(-3, -1\frac{1}{2})$

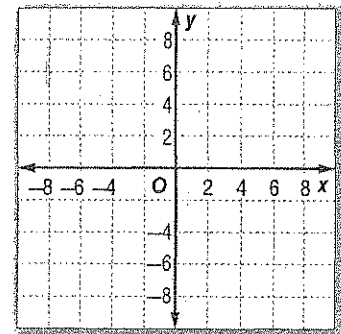
29. Graph $N(1, -3)$ on the coordinate plane to the right. Then graph its reflection across the y -axis.



30. Graph $H(7, 8)$ on the coordinate plane on the right. Then graph its reflection across the x -axis.

31. Graph $F(-6, 5.5)$ on the coordinate plane to the right. Then graph its reflection across the x -axis.

32. Marcus is drawing a plan for his vegetable garden. He graphs one corner at $(-7.5, 2)$ and one corner at $(7.5, 2)$. He reflects $(-7.5, 2)$ across the x -axis. Then Marcus reflects the new point across the y -axis. What shape is the vegetable garden?



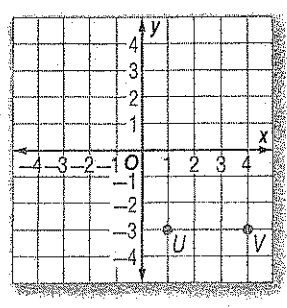
33. A point is reflected across the x -axis. The new point is located at $(4.75, -2.25)$. Write the ordered pair that represents the original point.

34. **CCSS Model with Mathematics** A point is reflected across the x -axis. The new point is $(5, -3.5)$. What is the distance between the two points?

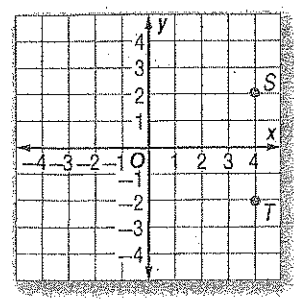
each pair of points. Find the distance between each pair of points.

1. _____

Show your work.

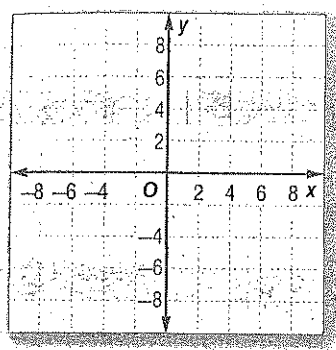


2. _____

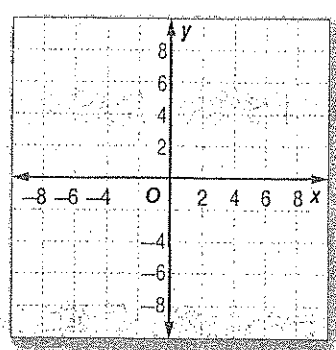


3. $C(-3, -6), D(-3, -1)$ _____

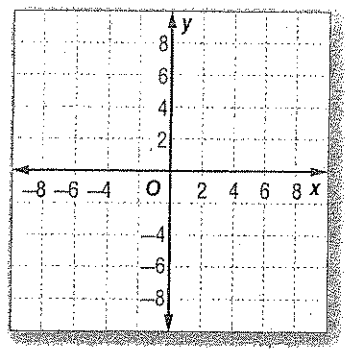
Show your work.



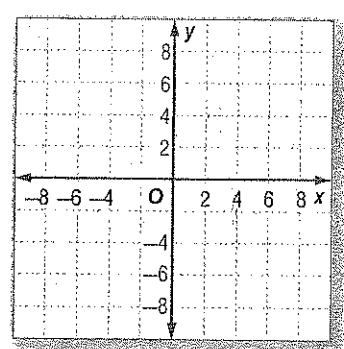
4. $E(-6, -2), F(1, -2)$ _____



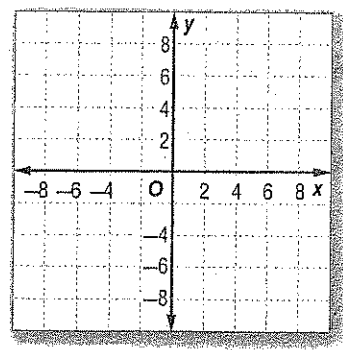
5. $G(1, -4), H(4, -4)$ _____



6. $K(3, -4), L(3, 2)$ _____



7. $M(5, 1), N(-1, 1)$ _____



8. $O(5\frac{1}{2}, 6), P(5\frac{1}{2}, 2)$ _____

