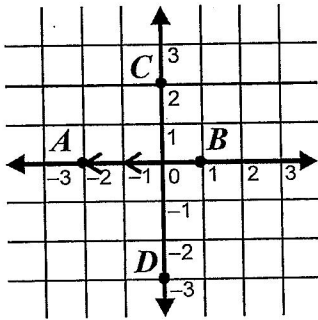
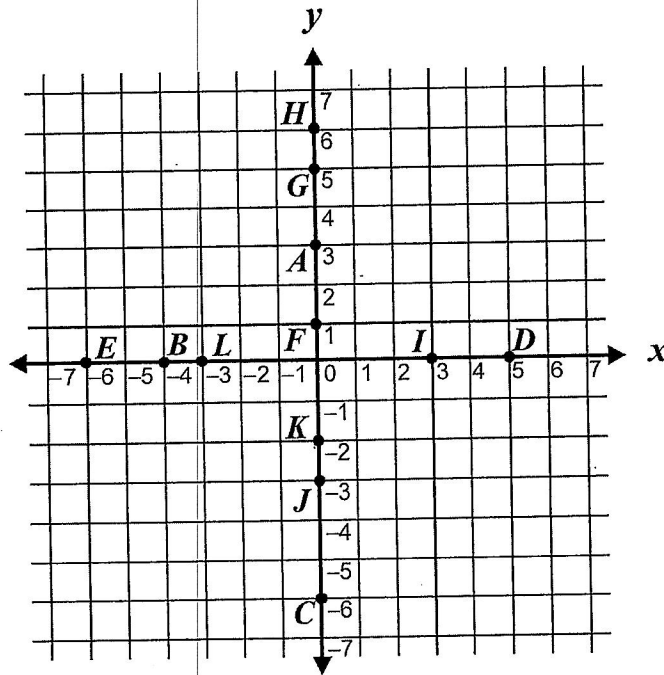


Sometimes, points on a coordinate plane fall on the x or y axis. If a point falls on the x -axis, then the second number of the ordered pair is 0. If a point falls on the y -axis, the first number of the ordered pair is 0.



- Point A:** Left (negative) two and up zero = $(-2, 0)$
- Point B:** Right (positive) one and up zero = $(1, 0)$
- Point C:** Left/right zero and up (positive) two = $(0, 2)$
- Point D:** Left/right zero and down (negative) three = $(0, -3)$

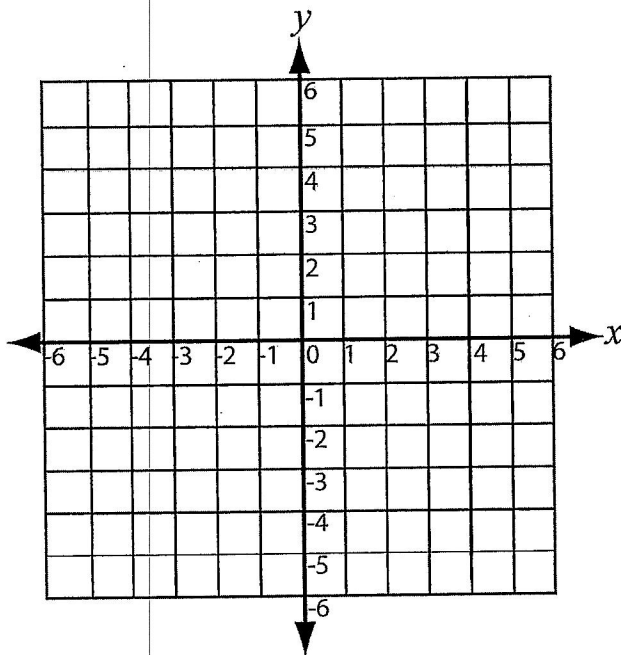
Fill in the ordered pair for each point. (DOK 1)



- | | | |
|--------------------|--------------------|---------------------|
| 1. point A = (,) | 5. point E = (,) | 9. point I = (,) |
| 2. point B = (,) | 6. point F = (,) | 10. point J = (,) |
| 3. point C = (,) | 7. point G = (,) | 11. point K = (,) |
| 4. point D = (,) | 8. point H = (,) | 12. point L = (,) |

5.3 Finding Opposites on a Coordinate Plane (DOK 2)

Use the coordinate plane as a reference to find the opposite coordinates in the problems below. (DOK 2)



1. What are the coordinates for the opposite of $(4, -5)$ reflected over the y -axis?
2. What are the coordinates for the opposite of $(-1, 2)$ reflected over the x -axis?
3. What are the coordinates for the opposite of $(2, 0)$ reflected over the y -axis?
4. What are the coordinates for the opposite of $(-3, -3)$ reflected over the x -axis?
5. What are the coordinates for the opposite of $(2, 5)$ reflected over the x -axis?
6. What are the coordinates for the opposite of $(-2, 0)$ reflected over the y -axis?
7. What are the coordinates for the opposite of $(-2, -2)$ reflected over the y -axis?
8. What are the coordinates for the opposite of $(3, 1)$ reflected over the x -axis?
9. What are the coordinates for the opposite of $(0, -3)$ reflected over the x -axis?
10. What are the coordinates for the opposite of $(4, 4)$ reflected over the y -axis?