



Math Worksheet for 5th Grade

Intro to the coordinate plane

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Questions

1. What is the name of the point where the x-axis and y-axis meet?
2. Which axis is horizontal?
3. Which axis is vertical?
4. In an ordered pair (x, y) , which number is the x-coordinate?
5. In an ordered pair (x, y) , which number is the y-coordinate?
6. What are the coordinates of the origin?
7. What are the coordinates of a point 4 units to the right of the origin and 3 units up?
8. What are the coordinates of a point 0 units to the right and 5 units up?
9. What are the coordinates of a point 7 units to the right and 0 units up?
10. If a point is at $(6, 2)$, how many units to the right of the origin is it?
11. If a point is at $(2, 9)$, how many units up from the origin is it?
12. What is the x-coordinate of the point $(8, 4)$?
13. What is the y-coordinate of the point $(1, 7)$?
14. Name a point on the x-axis with $x = 5$ (write as an ordered pair).
15. Name a point on the y-axis with $y = 6$ (write as an ordered pair).
16. Which of these ordered pairs is the origin: $(0,0)$, $(0,1)$, $(1,0)$?
17. Which ordered pair is 3 units right and 3 units up? Options: $(3,3)$, $(3,0)$, $(0,3)$.
18. A point is at $(4,4)$. How many units right and how many units up is it from the origin?
19. Which point is farther right: $(2,5)$ or $(5,2)$?
20. Which point is higher (has the greater y-value): $(3,6)$ or $(8,4)$?
21. If point A is at $(0,4)$ and point B is at $(0,1)$, how many units apart vertically are A and B?
22. If point C is at $(2,0)$ and point D is at $(7,0)$, how many units apart horizontally are C and D?
23. What are the coordinates of a point 9 units right and 1 unit up?
24. What are the coordinates of a point 1 unit right and 9 units up?
25. The ordered pair is $(10,10)$. Is this point on the x-axis, y-axis, or neither?
26. Write the ordered pair for a point 2 units right of the origin and 3 units up.
27. Write the ordered pair for a point directly above the origin by 7 units.
28. A point is at $(3,0)$. Is it on the x-axis, y-axis, origin, or neither?
29. Give the coordinates of a point that is 5 units right of the origin and 5 units up.
30. Which ordered pair has $x = 0$ and $y = 8$?
31. Which ordered pair has $x = 7$ and $y = 0$?



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32. If you move from $(2,3)$ to $(5,3)$, how many units did you move right?
33. If you move from $(4,1)$ to $(4,6)$, how many units did you move up?
34. What are the coordinates of the point 10 units right and 0 units up?
35. In $(6,2)$, which coordinate is larger, x or y ?
36. Give the ordered pair for a point 8 units right and 2 units up.
37. If a point is at $(0,2)$, is it on the x -axis, y -axis, origin, or neither?
38. Which point is the origin: $(0,0)$ or $(1,1)$?
39. A point is at $(9,3)$. What is its x -coordinate?
40. A point is at $(9,3)$. What is its y -coordinate?
41. If you are at $(3,2)$ and move left 3 units, what coordinates do you reach?
42. If you are at $(1,4)$ and move up 2 units, what coordinates do you reach?
43. Which ordered pair shows a point 2 units right and 1 unit up? Options: $(1,2)$, $(2,1)$, $(2,2)$
44. Plotting the point $(0,5)$: what axis is it on?
45. Which axis would the point $(7,0)$ be on?
46. What is the distance between $(2,0)$ and $(2,4)$?
47. What is the distance between $(0,3)$ and $(5,3)$?
48. If point P is at $(3,3)$ and point Q is at $(3,7)$, how many units apart vertically are P and Q ?
49. Which ordered pair is at $x = 4$ and $y = 4$?
50. If you count 6 to the right and 2 up from the origin, what ordered pair do you get?