

8-Writing Equations from Ordered Pairs

<i>Table</i>	<i>Slope (m)</i>	<i>Y-Intercept (0, b)</i>	<i>Function Rule</i>						
<table border="1"> <tr> <td><i>x</i></td> <td><i>y</i></td> </tr> <tr> <td>0</td> <td>3</td> </tr> <tr> <td>5</td> <td>13</td> </tr> </table>	<i>x</i>	<i>y</i>	0	3	5	13	1. _____	2. (0, _____)	3. _____
<i>x</i>	<i>y</i>								
0	3								
5	13								
<table border="1"> <tr> <td><i>x</i></td> <td><i>y</i></td> </tr> <tr> <td>2</td> <td>-1</td> </tr> <tr> <td>4</td> <td>0</td> </tr> </table>	<i>x</i>	<i>y</i>	2	-1	4	0	4. _____	5. (0, _____)	6. _____
<i>x</i>	<i>y</i>								
2	-1								
4	0								

For each set of ordered pairs, make a table to find the slope and y-intercept. Then write the function rule in slope-intercept form.

<i>Ordered Pairs</i>	<i>Slope (m)</i>	<i>Y-Intercept (0, b)</i>	<i>Function Rule</i>
(4, 5) (8, 5)	7. _____	8. (0, _____)	9. _____
(6, -6) (3, -4)	10. _____	11. (0, _____)	12. _____
(0, 1) (3, -2)	13. _____	14. (0, _____)	15. _____
(-8, 5) (0, -2)	16. _____	17. (0, _____)	18. _____

$(0, -3) (3, 6)$	19. _____	20. $(0, \underline{\quad})$	21. _____
$(-7, -9) (-7, 6)$	22. _____	23. $(0, \underline{\quad})$	24. _____
$(6, 4) (-9, 4)$	25. _____	26. $(0, \underline{\quad})$	27. _____
$(-2, 2) (-2, -1)$	28. _____	29. $(0, \underline{\quad})$	30. _____
$(-1, 2) (-2, 7)$	31. _____	32. $(0, \underline{\quad})$	33. _____
$(2, 1) (4, -1)$	34. _____	35. $(0, \underline{\quad})$	36. _____
$(-4, 5) (-8, 8)$	37. _____	38. $(0, \underline{\quad})$	39. _____