

	Find the equation of a line <b>PARALLEL</b> to the given info and through the indicated <b>y-intercept</b> .	Find the equation of a line <b>PERPENDICULAR</b> to the given line and through the indicated <b>y-intercept</b> .										
1. Equation of a line: $y = 4x + 1.$	a. Parallel line through point (0, -7):	b. Perpendicular to the line through point (0, -7):										
2. Table of a line: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>-8</td> </tr> <tr> <td>4</td> <td>-10</td> </tr> <tr> <td>5</td> <td>-12</td> </tr> <tr> <td>6</td> <td>-14</td> </tr> </tbody> </table>	x	y	3	-8	4	-10	5	-12	6	-14	a. Parallel line through point (0, 8):	b. Perpendicular to the line through point (0, 8):
x	y											
3	-8											
4	-10											
5	-12											
6	-14											
3. Graph of a line:	a. Parallel line through point (0, -9):	b. Perpendicular to the line through point (0, -9):										