Chapter 6.1 Practice:

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| 1) Write the slope-intercept form of the equation of the line through the given point with the given slope:(5, 2), slope= -4 | 2) Write the slope-intercept form of the equation of the line through the given point with the given slope:(3,5), slope = 5/3 |
| 3) Write the slope-intercept form of the equation of the line through the given points:(4,3) (5,3) | 4) Write the slope-intercept form of the equation of the line through the given points:(1,-2) (-1,-4) |
| 5) Rewrite the equation in slope intercept form3x -4y =20 | 6) Rewrite the equation in slope intercept form-5x + 5y = - 22 |
| 7) Write the equation in slope intercept form and solve the problem:A lawyer charges a one time fee of $35 and $100 per hour. How much would he charge for 10 hours of work? | 8) Write the equation in slope intercept form and solve the problem:The carnival charges an admission fee of $10.50. They also charge $1.50 per ride. How much does it cost to go to the carnival and ride 11 rides? |
| 9) Find the slope:

|  |  |
| --- | --- |
| X | Y |
| 3 | -1 |
| 5 | -7 |
| 9 | -19 |

 | 10) Find the slope:

|  |  |  |  |
| --- | --- | --- | --- |
| X | 0 | 4 | 6 |
| y | 3 | 7 | 9 |

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| 11) Write the slope intercept form of the line | 12) Write the slope intercept form of the line |