**Write the slope of the line that is parallel to each line.**

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| --- | --- | --- |
| 1. **­­\_\_\_\_\_\_\_** | 1. **\_\_\_\_\_\_\_** | 1. **\_\_\_\_\_\_** |

**Write the slope of the line that is perpendicular to each line.**

|  |  |  |
| --- | --- | --- |
| 1. **­­\_\_\_\_\_\_\_** | 1. **\_\_\_\_\_\_\_** | 1. **\_\_\_\_\_\_** |

1. **Write an equation in Slope-Intercept form of the line that is parallel to y = 5x + 12**
2. **Write an equation in Slope-Intercept form of the line that is perpendicular to y = 3x – 22**
3. **Write the equation in Slope-Intercept form of the line parallel and line perpendicular to given line through given point.**

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| --- | --- | --- |
|  | **Parallel** | **Perpendicular** |
|  |  |  |
|  |  |  |
|  |  |  |

1. **Write an equation in Slope-Intercept form of the line that is parallel to 3x – 9y = -2 and goes through the point (6 , -4).**
2. **Write an equation in Slope-Intercept form of the line that is perpendicular to 4x – 2y = -2 and goes through the point (-3 , -7)**