## Perpendicular and Parallel Lines

Find the equation in point-slope form of the line parallel to the given line through the point


Find the equation in point-slope form of the line parallel to the given line through the point


Find the equation in point-slope form of the line perpendicular to the given line through the point


| $5 x+2 y=14$ | $(-3,1)$ | $m=$ |
| :--- | :--- | :--- |
|  |  |  |

Find the equation in point-slope form of the line perpendicular to the given line through the point


| $5 x+6 y=12$ | $(-9,-5)$ | $m=$ |
| :--- | :--- | :--- |
|  |  |  |

