Write in point-slope form the equation of the line that is parallel to the given line and passes through the given point. Your final answer should be in slope-intercept form.

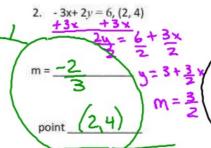
1.
$$2x + y = 4$$
, (-1, -1)

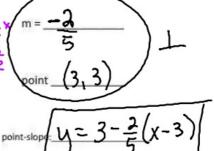
2.
$$-3x+2y=6$$
, (2, 4)

3.
$$5x - 2y = 10$$
, (3, 3)

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Write in point-clope form the equation of the line that is perpendicular to the given line and passes through the given point. Your final answer should be in slope-intercept form.





point-slope:
$$y = 4 - \frac{2}{3}(x - 2)$$