Parallel and Perpendicular Lines

1) Find the equation of the line that is perpendicular to the line $y = -3x + 1$ and passes through the point $(6, -4)$.

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2) Find the equation of the line passing through the point $(-9, 1)$ and parallel to the line $x - \dfrac{1}{6}y = -3$

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3) A line u passing .... o the line v that cuts the x-axis at $x = $ .... e line u.

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4) Find the equatio............... and parallel to the line joining the ....

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5) The slope of a line l is $-\dfrac{1}{7}$ and is perpendicular to the line m that passes through the point $(-3, -5)$. Find the equation of the line m.

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