Parallel and Perpendicular Lines

1) A line p passing through the point (–6, 1) is perpendicular to the line q that cuts the x and y axis at x = 7 and y = 2. Find the equation of the line p.

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2) Find the equation of the line passing through the point (8, 4) and parallel to the line which has a

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3) Find the equation   4 + 3y = 0 and passes through the poi

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4) Find the equation   -3) and perpendicular to the line joinir

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5) Find the equation of the line passing through the point (7, 4) and perpendicular to the line $y = \dfrac{6}{7}x + 9$.

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