Parallel and Perpendicular Lines

1) Write the equation of the line perpendicular to the line y = 3x + 8 and having the y-intercept 2.

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2) Write the equation of the line having the y-intercept −6 and perpendicular to $y = \frac{5}{7}x - 11$.

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3) Write the equat   parallel to the
   line m which ha

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4) Find the equatio   having the
   y-intercept 9.

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5) Write the equation of the line p having the y-intercept 12 and perpendicular to the line q which has a slope of $-\frac{2}{7}$.

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