Parallel and Perpendicular Lines

1) Write the equation of the line passing through the point (8, 1) and perpendicular to the line joining the points (3, 4) and (9, 2).

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2) The line k passes through the point (7, –6) and parallel to the line h which has a slope of 9. Find

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3) Find the equatio_____ = 0 and passes through the poi_____

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4) A line s passing _____ t that cuts the x and y axis at x = 9 and

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5) Find the equation of the line passing through the point (–2, 3) and perpendicular to the line $y = \dfrac{5}{3}x - 10$.

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