Equation of a Line

1) Find the equation of a line passing through the point (4, –3) and whose slope is –1.

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2) The x-intercept and the y-intercept of a line is –5 and –2. Find the equation of the line.

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3) Write the equation of the line whose slope is 7 and the x-intercept is (–4, 0).

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4) Find the equation of the line that is perpendicular to $y = -\frac{3}{4}x + 9$ and passes through the point (–6, 2).

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5) Find the equation of the line passing through the points (–1, 6) and (1, 8).

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