## Parallel and Perpendicular Lines

Sheet 2

1) Write the equation of the line m having the y-intercept –9 and perpendicular to the line n which has a slope of  $\frac{3}{7}$ .

2) Write the equation of the line having the y-intercept -2 and line parallel to the line y = -6x + 14.



3) Find the equation y-intercept 3.

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4) Find the equation whose slope is -

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 $\alpha$  arallel to the line q

5) Find the equation of the line perpendicular to y = -9x - 12 and having the y-intercept 11.