## QUIZ 1 - MATH 112 YOUR NAME:

Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. GOOD LUCK!!

1. Find an equation for the line  $L_2$  that passes through the point (3, 10) and is perpendicular to the line  $L_1$  passing through the points (-10, 0) and (2, -6). form. Put your answer in the slope-intercept form.

2. Evaluate the expression 
$$\left(\frac{81}{16}\right)^{-3/4}$$
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