QUIZ 1 - MATH 112

YOUR NAME:_____

Friday, September 2

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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 that is perpendicular to the line with equation $3x - 9y = 17$ and passes through the point $(1, 10)$.

2. Find the value of the following expressions:

$$\left(\frac{27}{125}\right)^{-2/3} =$$

$$(-32)^{-3/5} =$$