QUIZ 2 - MATH 102   Friday, September 23
YOUR NAME:＿＿＿＿＿＿＿＿＿＿   George Voutsadakis

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 passes through the points $(0, 7)$ and $(2, -1)$. Please, show all steps.

2. Find an equation for the line that passes through $(-4, 1)$ and is perpendicular to the line of the previous part. Please, show all steps.

3. Graph both lines on the same system of coordinate axes showing clearly (with labels) their x- and y-intercepts.