

For full credit, you must show all work neatly and box your final answer.
This Quiz has 5 problems. Please turn page over for other problems.

1. Compute the equation of the line between the points $(-1, 5)$ and $(2, 4)$.

2. Compute the midpoint of the line bewteen the points $(-1, 5)$ and $(2, 4)$.

3. Compute the slope-intercept form of the line through $(1, 0)$ with slope $m = -\frac{5}{2}$.

[Please turn over for additional problems]

4. Compute the equation of the line perpendicular to your equation from #3 and passing through the midpoint from #2.

5. Graph the line you found in #4.

