

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  $(2, 4)$ .

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

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

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[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.

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5. Graph the line you found in #4.

