MAC 1147 - Quiz 3   **Name:**

For full credit, you must <u>show all work</u> and <u>circle</u> your final answer.

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1 | Sove the inequality and write the interval x lies in:
$3x - 6 \geq 4 - 2x$

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2 | Plot the points given, and find the distance between them:
$(-3, -2)$ and $(2, 3)$

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3 | Find the x-intercept and y-intercept of the equation, and then sketch the associated graph:
$y = 3x + 4$