- 1. Let $f(x) = \ln(x) \frac{x^2}{20}$
 - (a) Write the equation of the line tangent to the graph of y=f(x) at x=5.
 - (b) Find the maximum and minimum values of f(x) on the interval [1,12].
- 2. Let $g(x) = 3e^x 7x$. Write the equation of the line tangent to the graph of y = g(x) at its global minimum.

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