Chem 322 (Sturgeon)   Name _____
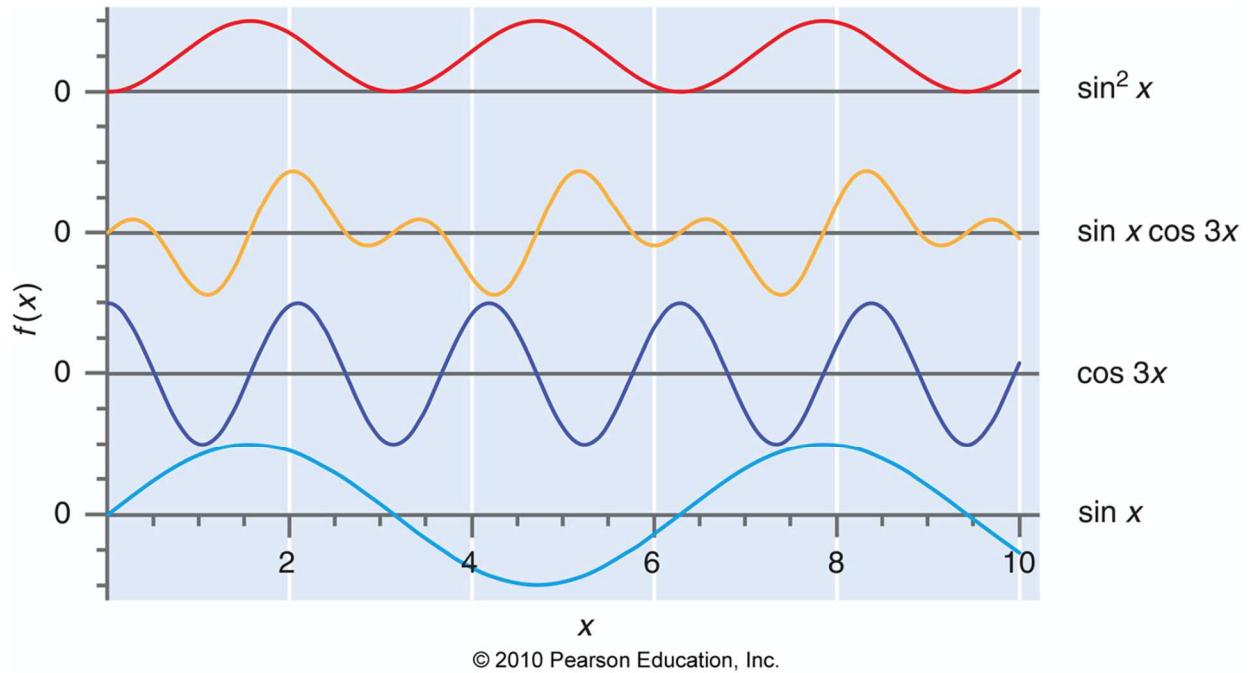
Please reproduce the figure shown below (Example problem 2.5 4th Ed) using Mathematica.
(*Note: y-offset can be accomplished by simply adding a scaler value to the function; don't worry about the y-axis values.*)

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Include in the Mathematica file the "Integration" of sin[x]*cos[3x] = 0.