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Experiment allows the user to experiment with sine and cosine curves.

New Game brings up the *Sine Game* window. At the top of the window are four sliders which the user uses to guess or approximate the properties of the sine curve displayed in the bottom half of the window. The equation in the middle of the window shows the form of the curve.

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Once satisfied that the properties set with the sliders match the curve displayed below, click the *Done* button. This displays the curve determined by the sliders on the same graph as the original curve so that the user can compare the two. In addition, it calls up the *Answers* window:

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which displays the properties of the original curve side by side with the guessed properties and gives the user a score between zero and one hundred, a higher score reflecting a better guess. To play a new game, the user should select *New Game* again.