***MODELS OF PERIODIC FUNCTIONS***

1. Plot on calc ***y=sinx*** in degrees. Fix your scale appropriately. Copy a quick sketch into your notebook.
2. What is period & amplitude?
3. Plot on calc ***y = sinx*** in radians. (RAD). Leave same scale. Copy a quick sketch into your notebook.
4. Adjust horizontal scale so you can see 2 whole cycles
5. Use Analysis > G Solve > roots to find where the graph crosses the x-axis. Do you recognize this number?
6. What is the period & amplitude?
7. Now plot ***y = sin 2πx***. What is its new period & amplitude? Copy a quick sketch into your notebook.
8. On same graph plot ***y = 3sin 2πx***. What is its new period and amplitude? Copy this graph in your notebook.
9. Do **Ex 4.3 Q 1**. Copy a quick sketch of each graph onto your notebook.

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