**Changing the PERIOD of trigonometric graphs.**

1. The graph below is ***y = sin(x) for 0 ≤ x ≤ 3600***

 Draw the graph of ***y = sin(2x) for 0 ≤ x ≤ 3600***



2. The graph below is ***y = sin(x) for 0 ≤ x ≤ 3600***

 Draw the graph of ***y = sin(4x) for 0 ≤ x ≤ 3600***



3. The graph below is ***y = cos(x) for -90 ≤ x ≤ 3600***

 Draw the graph of ***y = cos(2x) for -90 ≤ x ≤ 3600***



4. Draw the graph of just 1 period of ***y = sin(20x)*** on the axes below.



5. Draw the graph of just 1 period of ***y = sin(30x)*** on the axes below.



6. Draw the graph of just 1 period of ***y = cos(30x)*** on the axes below.

