Algebra II Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Review 13.4 and 13.5 Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Hour\_\_\_

1.  Find the period of the graph shown below.



A) B)

Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

1. A particular sound wave can be graphed using the function y = 6sin3

Find the amplitude and period of the function.

Amplitude: \_\_\_\_\_\_\_\_\_

Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

3) Find the amplitude, period, and write equation of the sine curves shown below.



Amplitude: \_\_\_\_\_\_\_\_\_

Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

Equation:\_\_\_\_\_\_\_\_\_\_\_\_\_

Amplitude: \_\_\_\_\_\_\_\_\_

Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

Equation:\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write equation of the cosine graphs shown below.
2.  B)

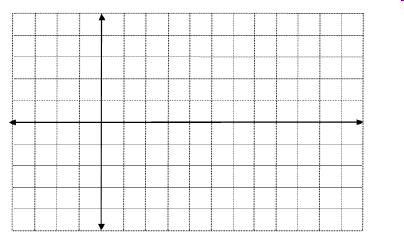
Equation:\_\_\_\_\_\_\_\_\_\_\_\_\_

Equation:\_\_\_\_\_\_\_\_\_\_\_\_\_

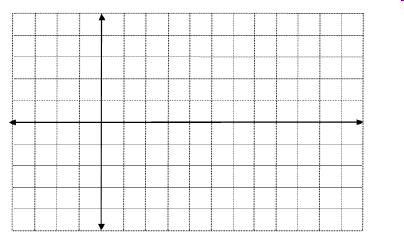
1. Sketch one cycle of y = -3sin2 List your key points. Give the period and amplitude

Amplitude: \_\_\_\_\_\_\_\_\_

Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

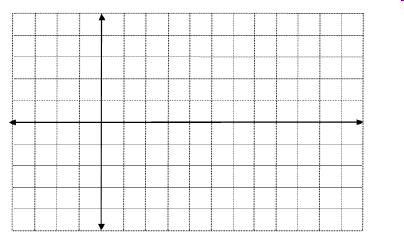


1. Sketch one cycle of y = 4sin List your key points. Give the period and amplitude



Amplitude: \_\_\_\_\_\_\_\_\_

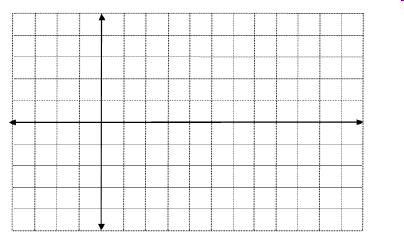
Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

1. Sketch one cycle of y = 3cos2 List your key points. Give the period and amplitude

Amplitude: \_\_\_\_\_\_\_\_\_

Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

1. Sketch one cycle of y = -2cos List your key points. Give the period and amplitude



Amplitude: \_\_\_\_\_\_\_\_\_

Period: \_\_\_\_\_\_\_\_\_\_\_\_\_