

Tuesday, April 2, 2019

- Warm-up
 - Describe the graph of this function:

$$y = 3 \sin 2x - 1$$

midline
ampl. ↑
function ↑
frequency

height from midline
• Amplitude 3

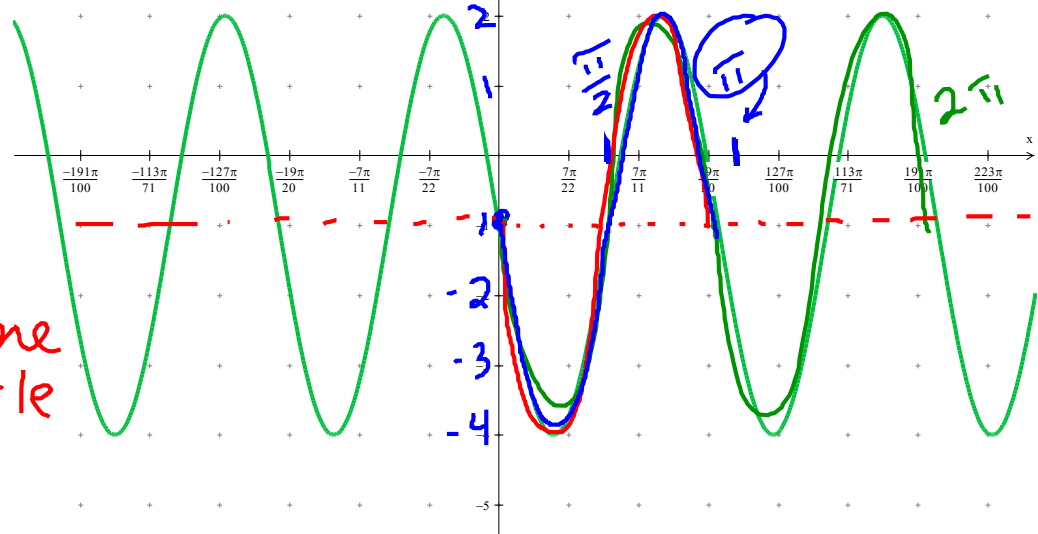
• Vertical Shift -1

• Frequency 2

• Period π

how many cycles in 2π

↑ the length of one cycle



- Review Trig Graphs
- Practice

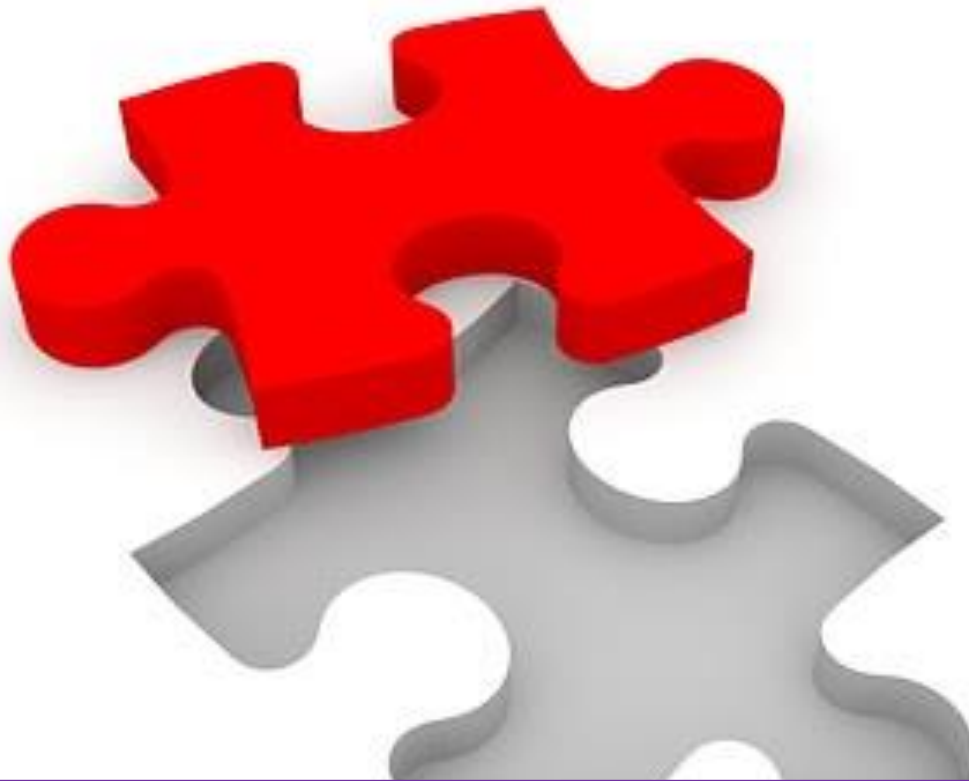
Objectives

Content: I will understand the shape and critical features of **sine** and **cosine waves**.

Social: I will listen well and discuss my uncertainties with my group members.

Language: I will clearly compare and contrast the critical features of **sine** and **cosine waves** as well as apply **amplitude, vertical & horizontal shift, frequency & period**.

Matching Mania



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