



Name _____ Date _____ Period _____

GRAPHING TRIG FUNCTIONS WORKSHEET #4

For #1 and #2, graph TWO full cycles. Be sure to label your axes and the five critical points.

1. $y = 2\sin(3x)$

Amplitude =

Period =



2. $y = 4\cos(x) - 2$

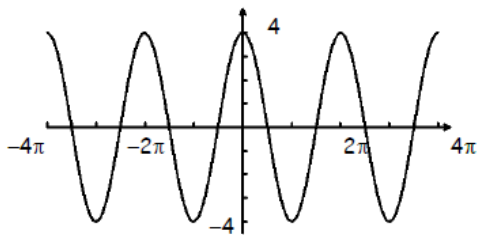
Amplitude =

Period =

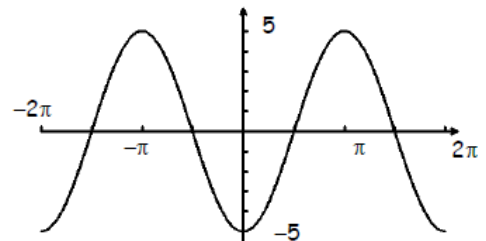


For #3 and #4, write a sine and cosine equation to match the given graph.

3.



4.

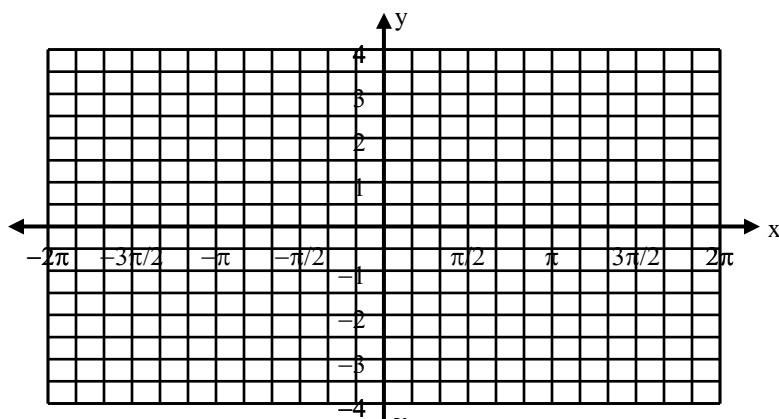


5. $y = 2 \tan x - 1$

b = _____ Period: _____

Phase Shift: _____ V. Shift: _____

Asymptotes: _____

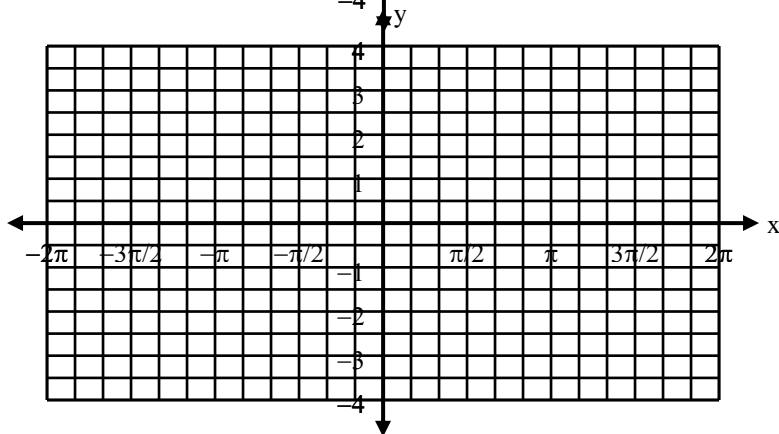


6. $y = \tan(x + \pi) + 2$

b = _____ Period: _____

Phase Shift: _____ V. Shift: _____

Asymptotes: _____



7. $y = 3 \sin(x - \pi) + 1$

Amplitude =

Period =



8. $y = -\cos(2x + \pi)$

Amplitude =

Period =

