

Accel Math III Practice Worksheet #2: Graphs of Tangent, Cotangent, Secant and

Name _____

Cosecant

Unit 5: Graphs and Inverse of Trig Functions MA3A3

Lesson 6: Graphs of Tangent and Cotangent

Match the following graphs with the correct trigonometric function.

1. $y = \sec 2x$

2. $y = \tan 3x$

3. $y = \tan \frac{1}{2} x$

4. $y = 2\csc \frac{1}{2} x$

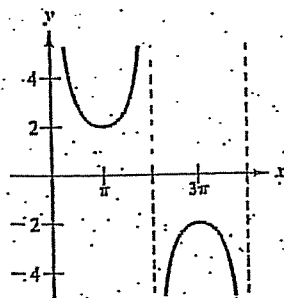
5. $y = \cot \pi x$

6. $y = \frac{1}{2} \sec \pi x$

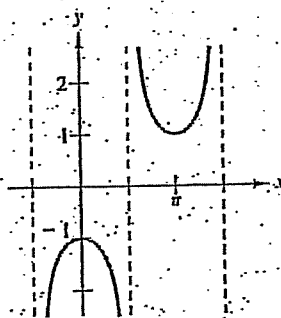
7. $y = -\sec x$

8. $y = -2 \csc 2\pi x$

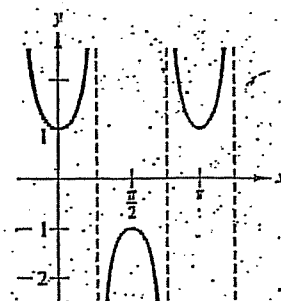
A.



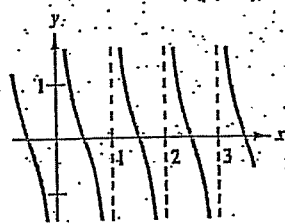
B.



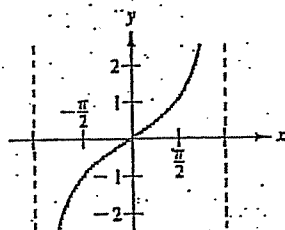
C.



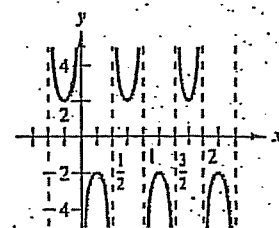
D.



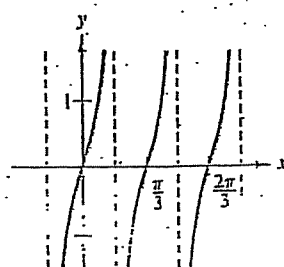
E.



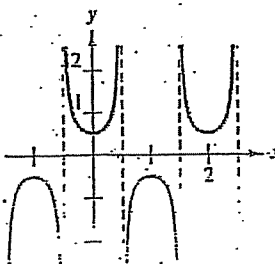
F.



G.

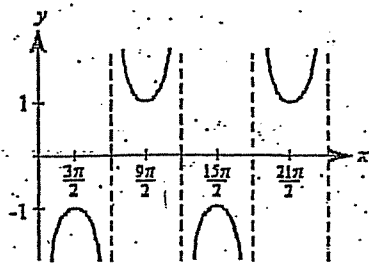


H.

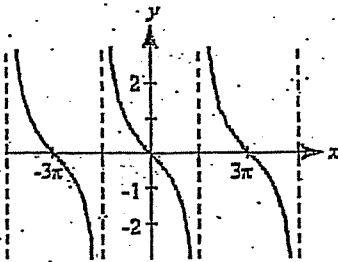


Write the equations of each.

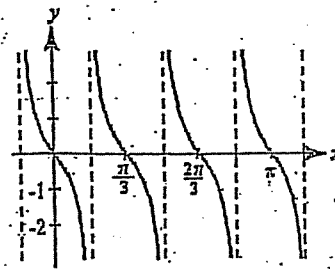
A. _____



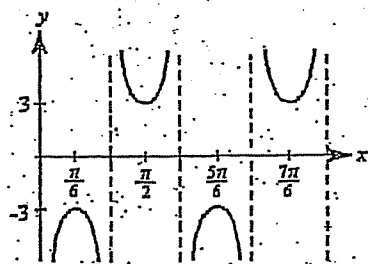
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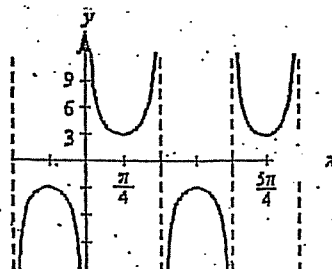
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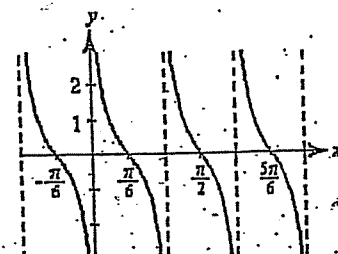
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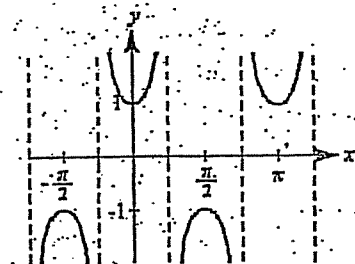
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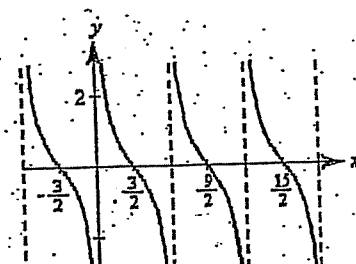
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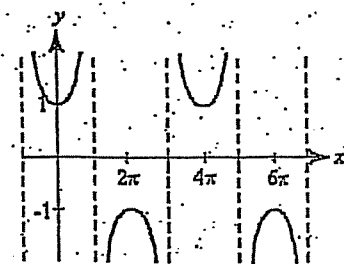
G. _____



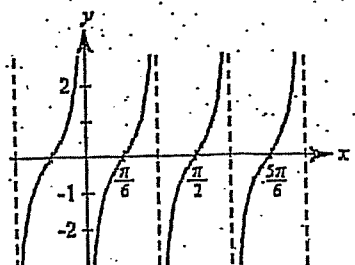
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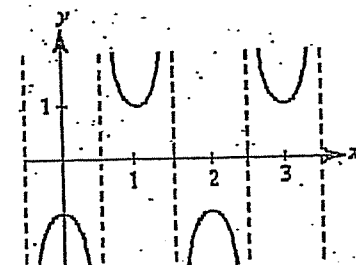
I. _____



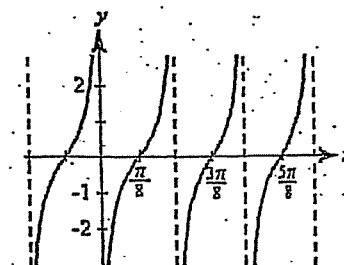
J. _____



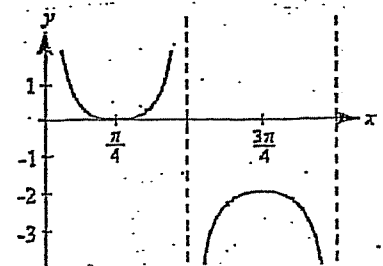
K. _____



L. _____



M. _____



N. _____

