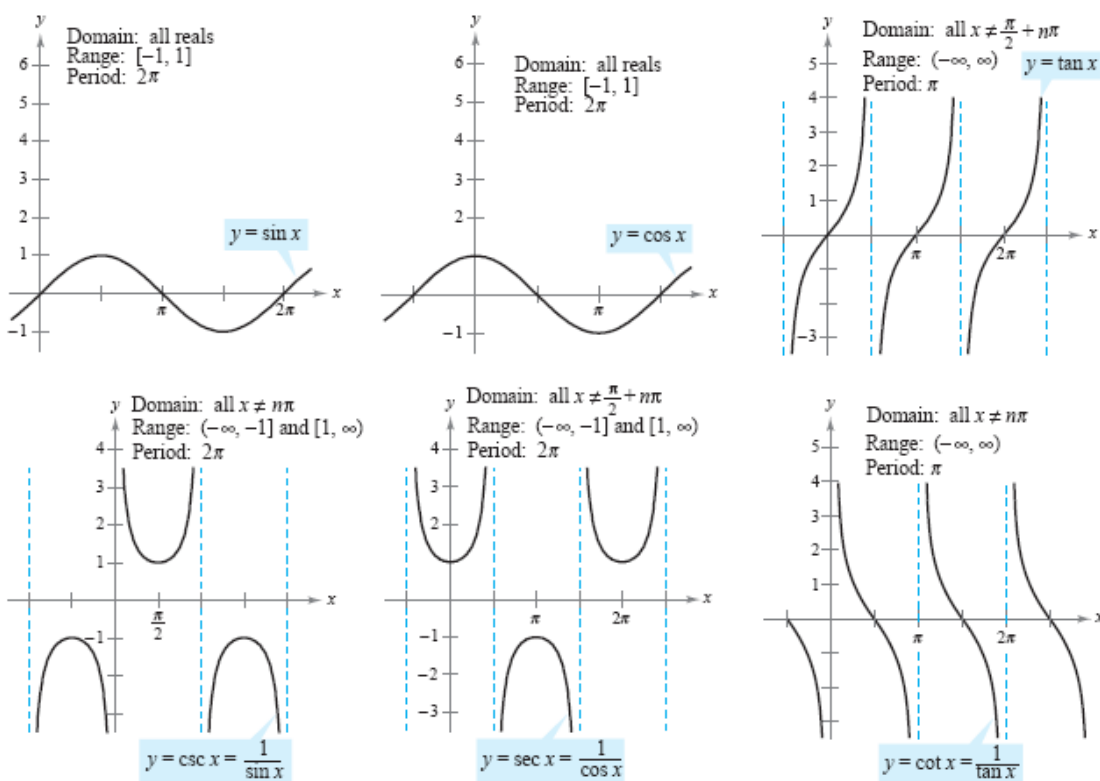


Sections 4.5 & 4.6 – I.C.E – More Graphing Practice

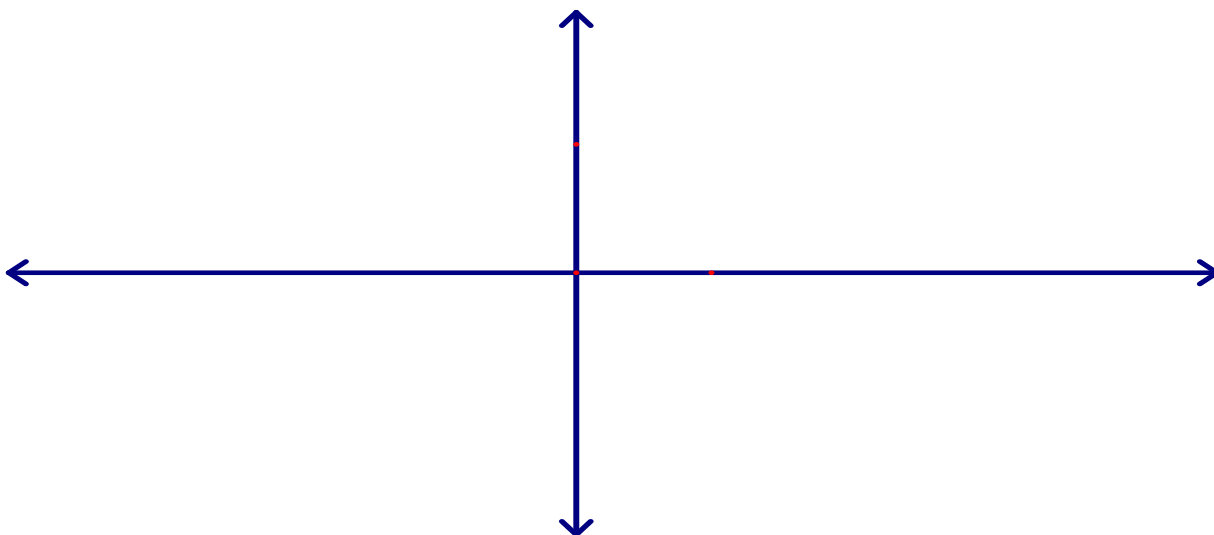
Here is a nice summary of all the graphs:



The graphs of the six trigonometric functions

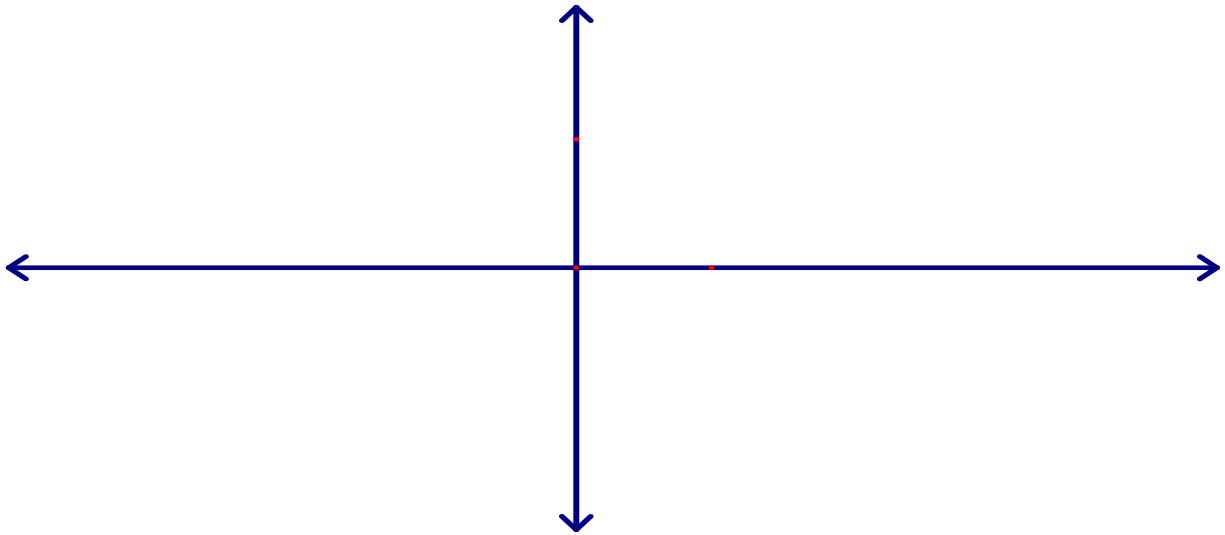
For the following equations, graph at least one period and at least a length of 2π

1. $y = 3\tan\left(\frac{1}{2}x\right)$

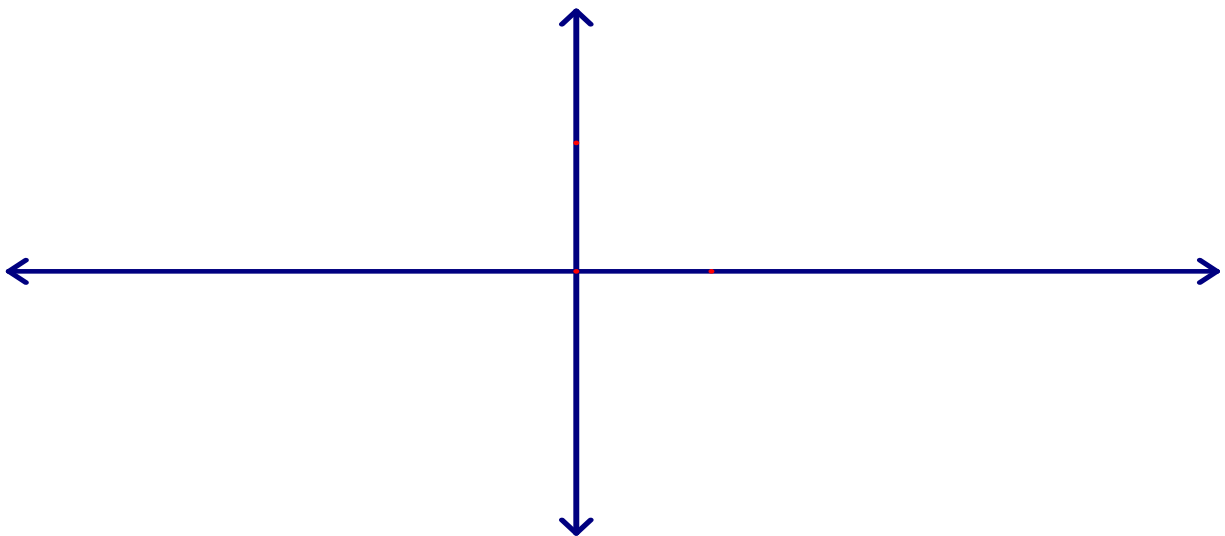


Sections 4.5 & 4.6 – I.C.E – More Graphing Practice

2. $y = -\cot(x + \pi) - 1$

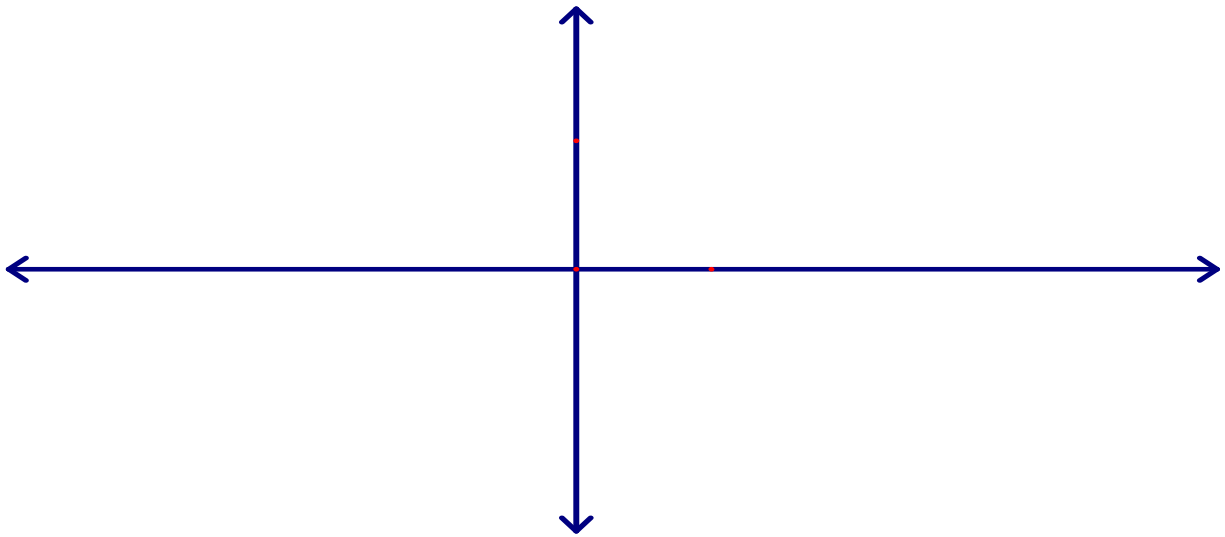


3. $y = -2\tan\left(x + \frac{\pi}{2}\right)$

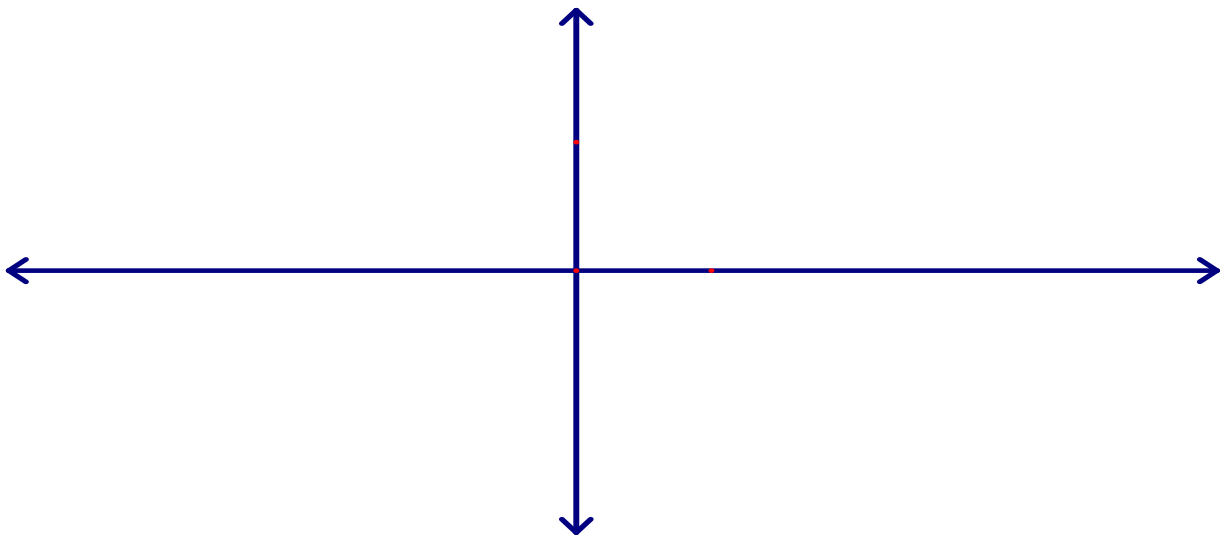


Sections 4.5 & 4.6 – I.C.E – More Graphing Practice

4. $y = \cot(2x) + 3$

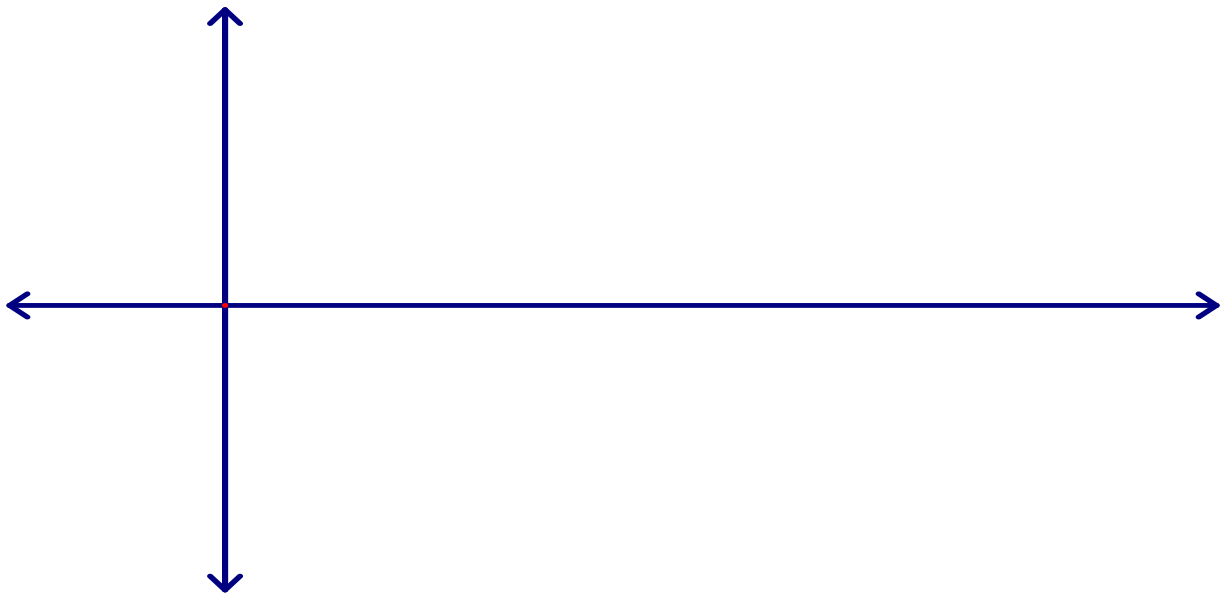


5. $y = -3\sin(3x)$

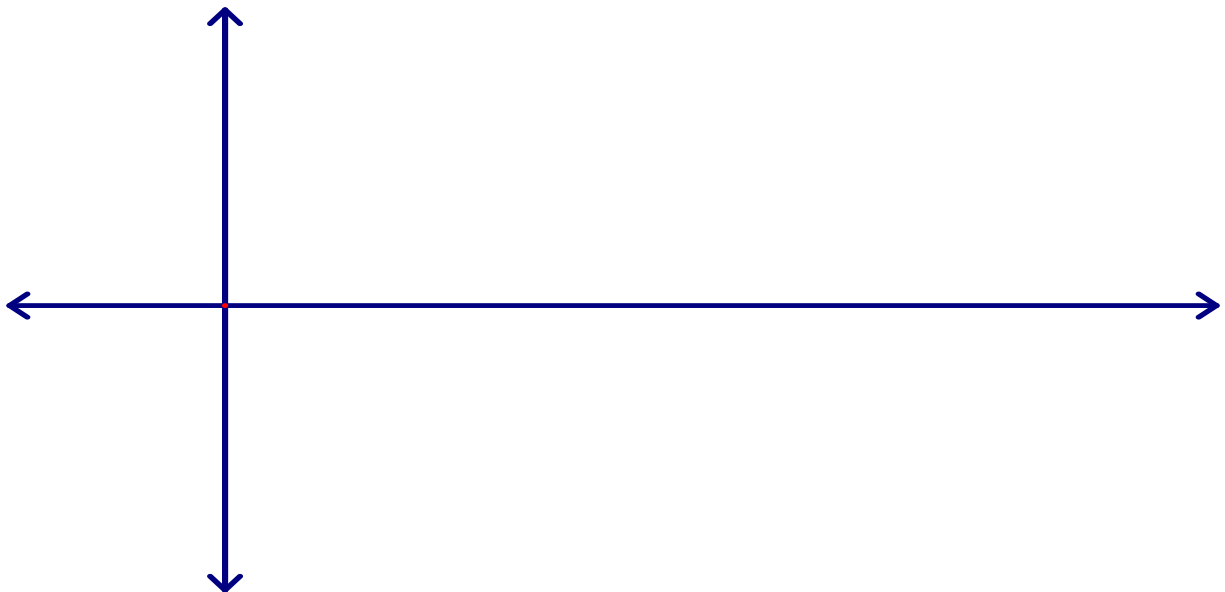


Sections 4.5 & 4.6 – I.C.E – More Graphing Practice

6. $y = \cos\left(x + \frac{\pi}{3}\right) - 3$

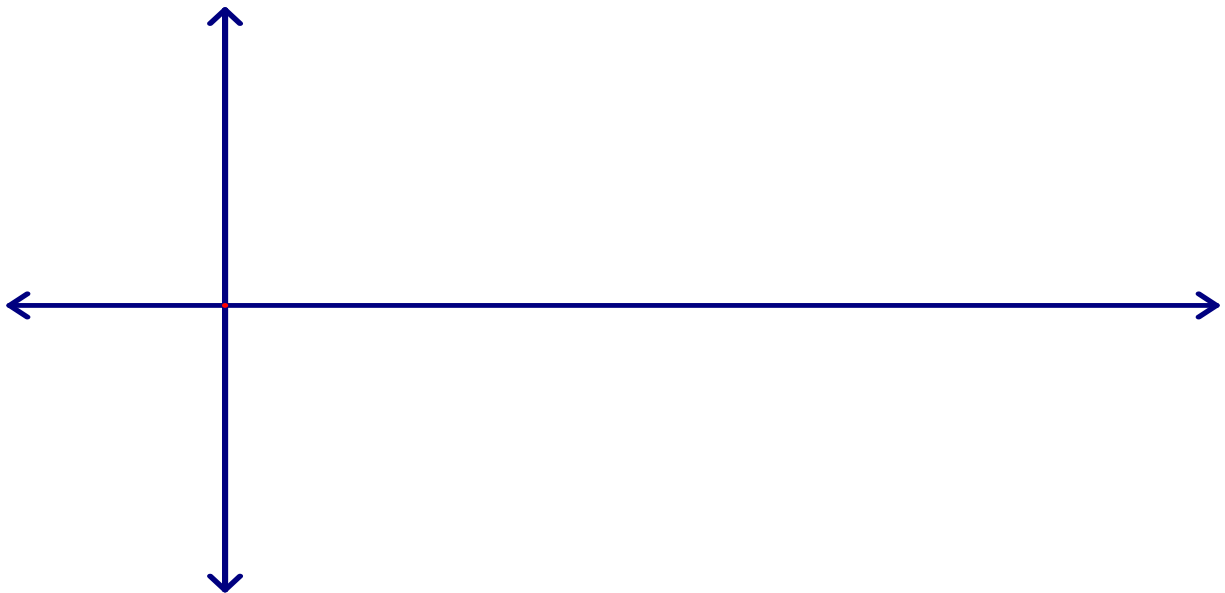


7. $y = -\csc x + 2$

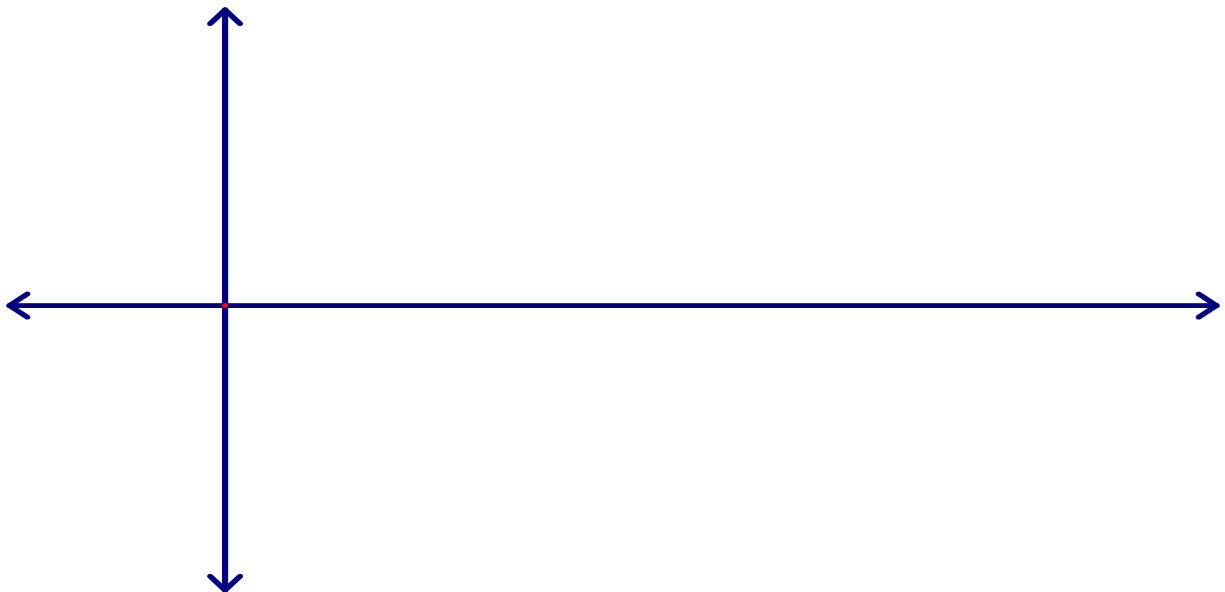


Sections 4.5 & 4.6 – I.C.E – More Graphing Practice

8. $y = 2\sec\left(x + \frac{\pi}{6}\right)$

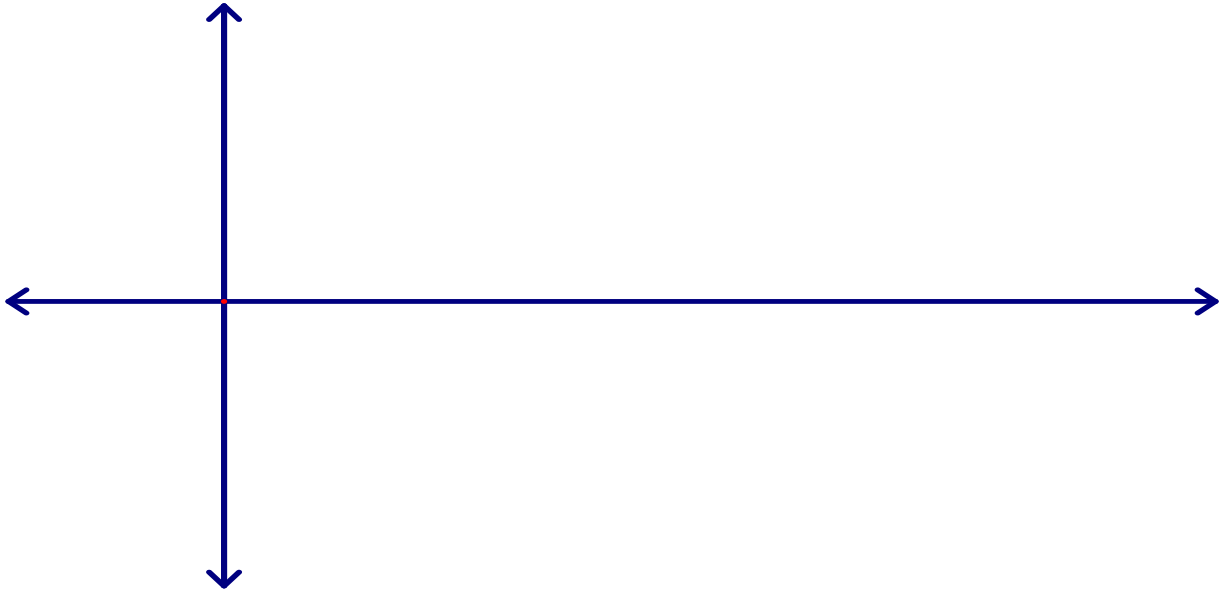


9. $y = 2\sec 2x$

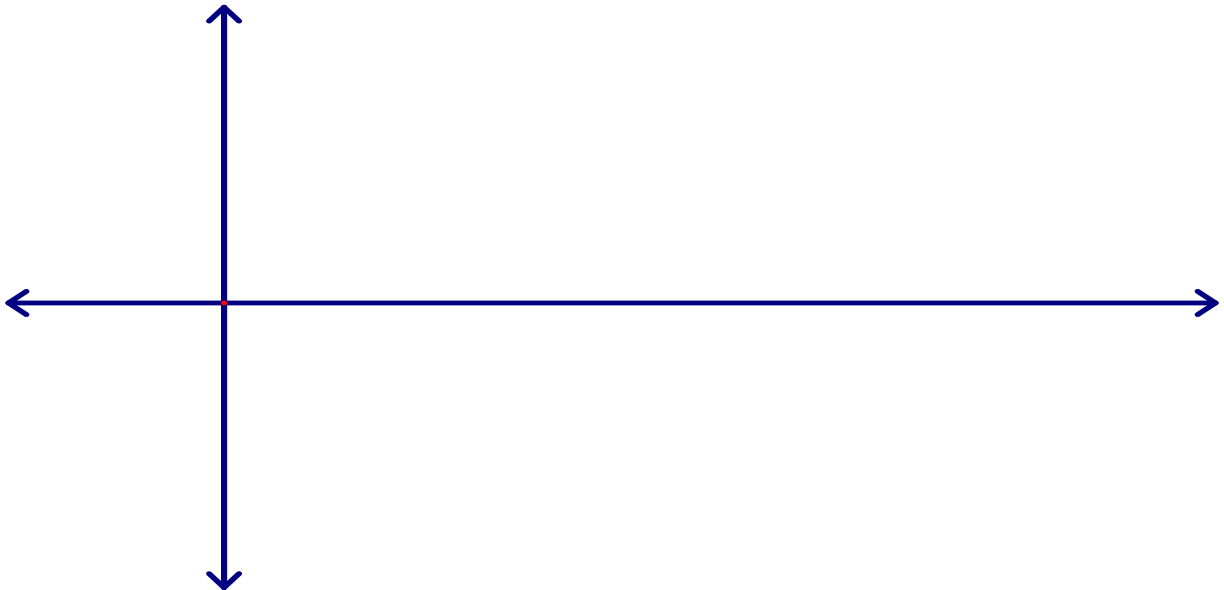


Sections 4.5 & 4.6 – I.C.E – More Graphing Practice

10. $y = -\csc\left(\frac{1}{2}x\right) + 1$

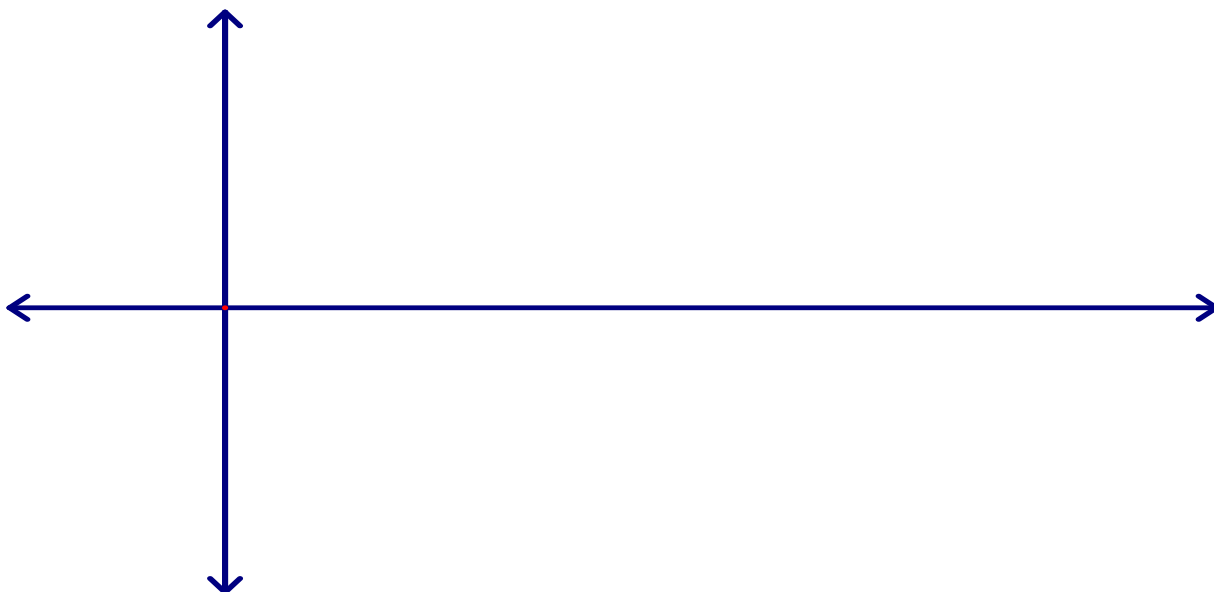


11. $y = \csc 4(x - \pi)$



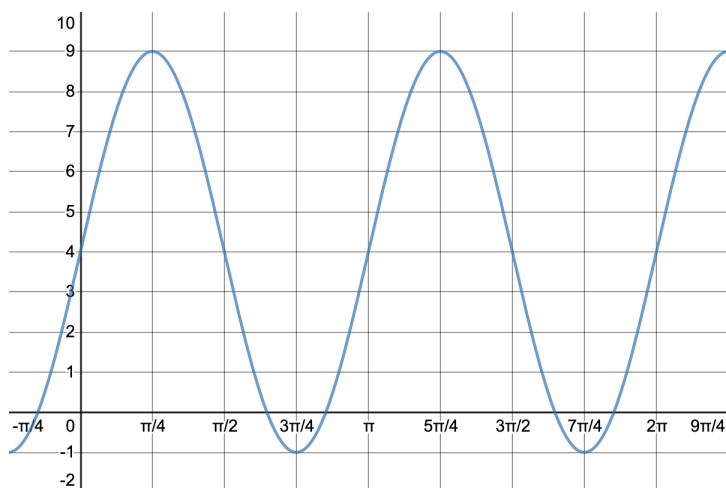
Sections 4.5 & 4.6 – I.C.E – More Graphing Practice

12. $y = \sec x - 3$

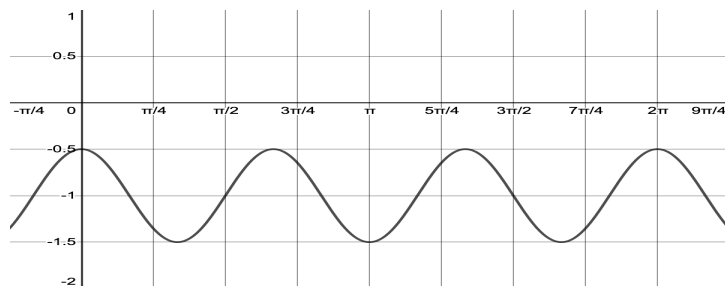


13. Identify the equations of the following graphs. There may be more than one right answer.
Practice writing your answer multiple ways!

a)

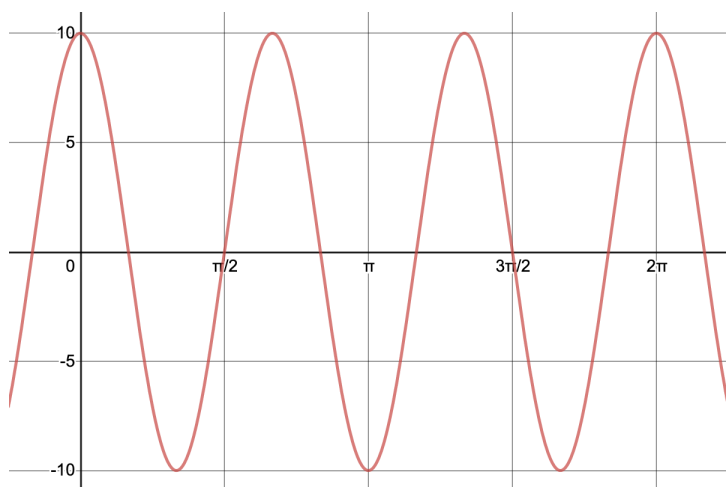


b)

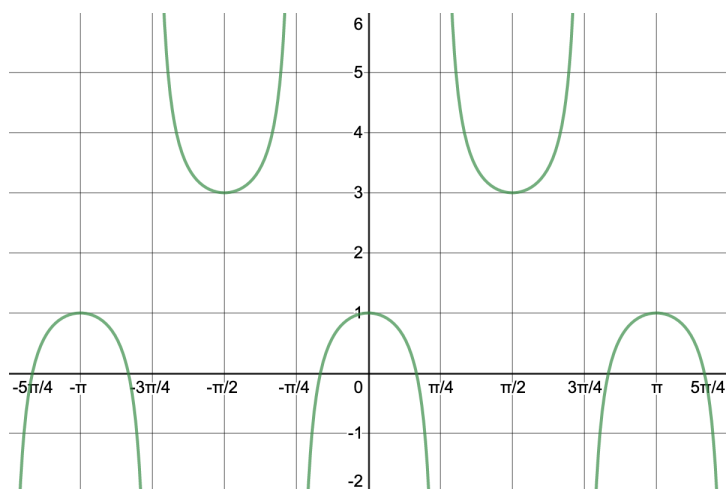


Sections 4.5 & 4.6 – I.C.E – More Graphing Practice

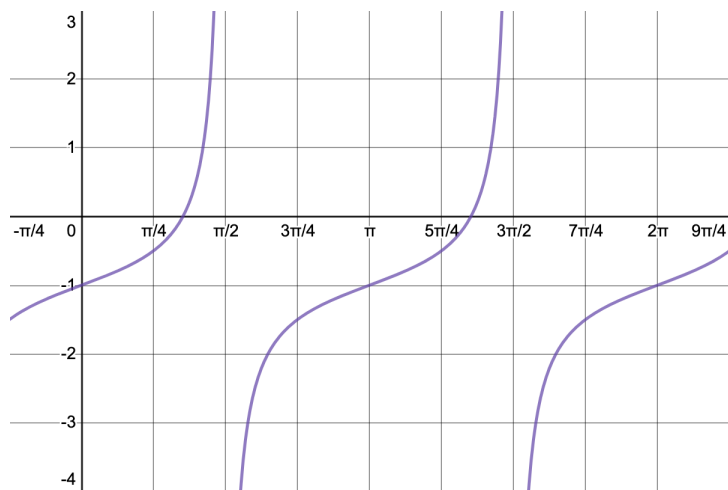
c)



d)



e)



GO OVER YOUR LAST QUIZ TO STUDY, AND REDO HOMEWORK PROBLEMS!!