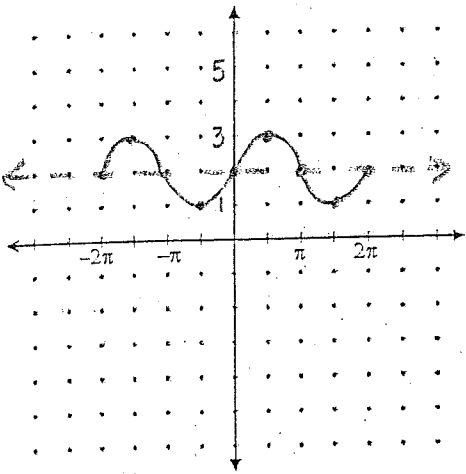


PreCalculus
Worksheet 7.1 B
Graphing Sine and Cosine

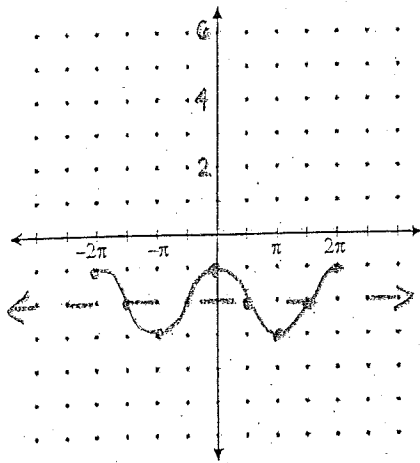
Name _____

Write the equation for the following trig functions for $-2\pi \leq t \leq 2\pi$.

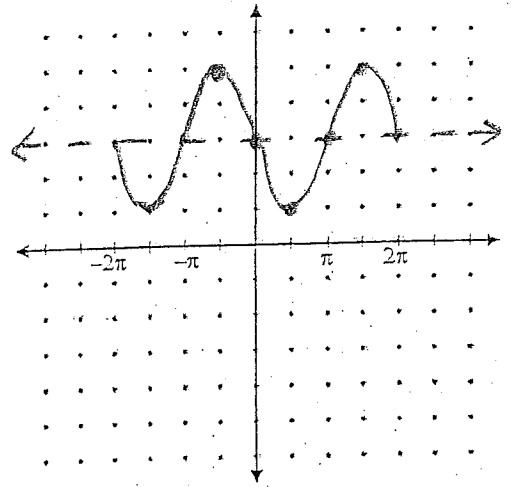
1. $f(x) =$ _____



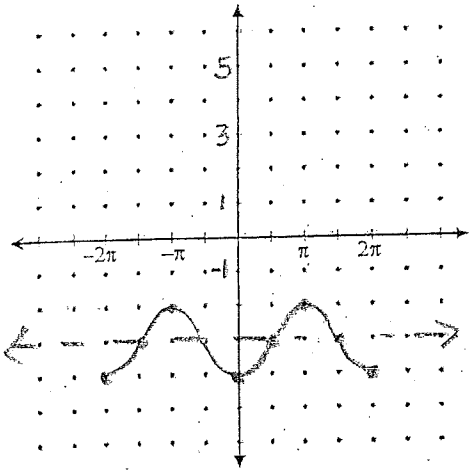
2. $f(x) =$ _____



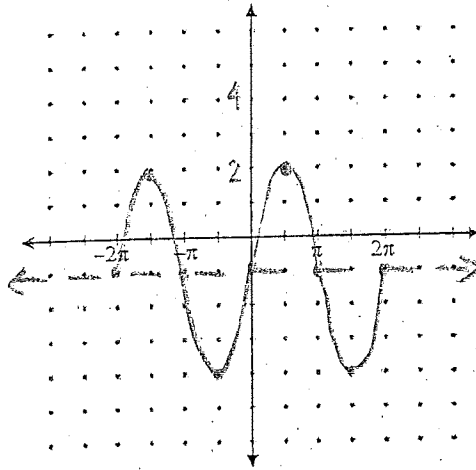
3. $f(x) =$ _____



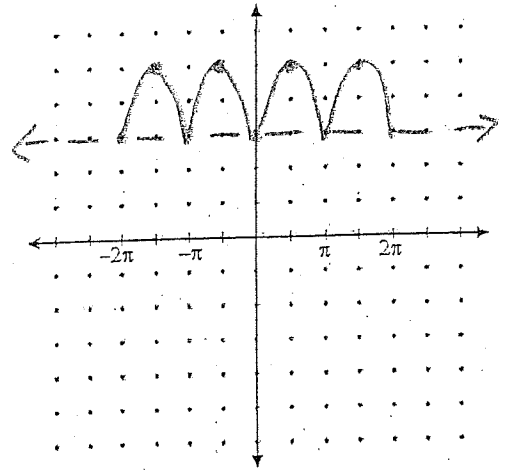
4. $f(x) =$ _____



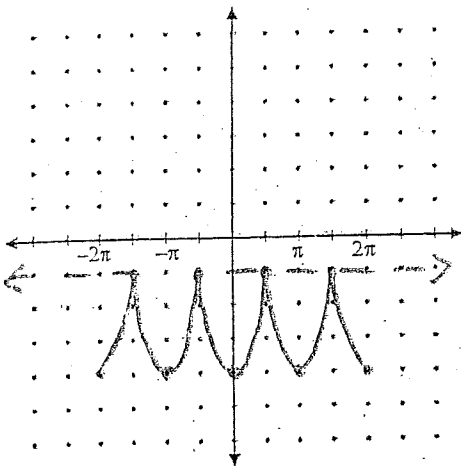
5. $f(x) =$ _____



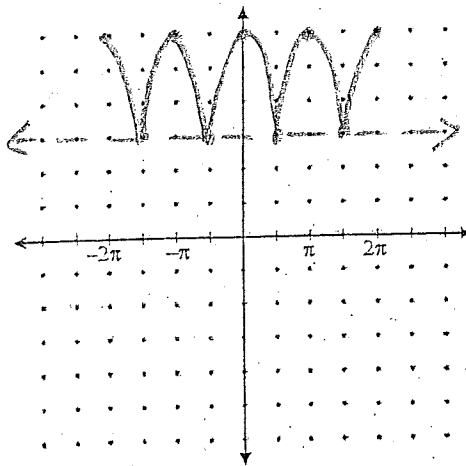
6. $f(x) =$ _____



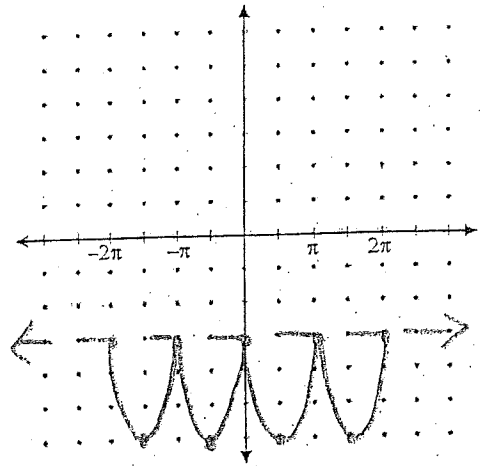
7. $f(x) =$ _____



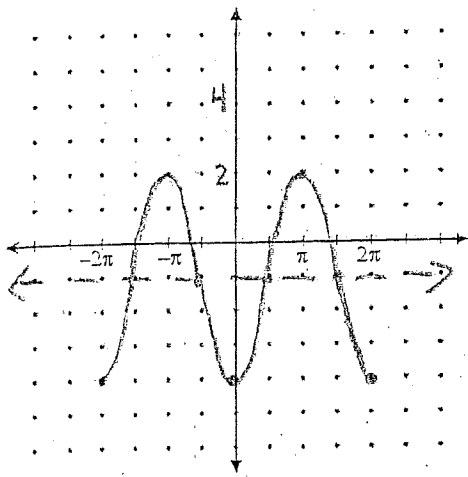
8. $f(x) =$ _____



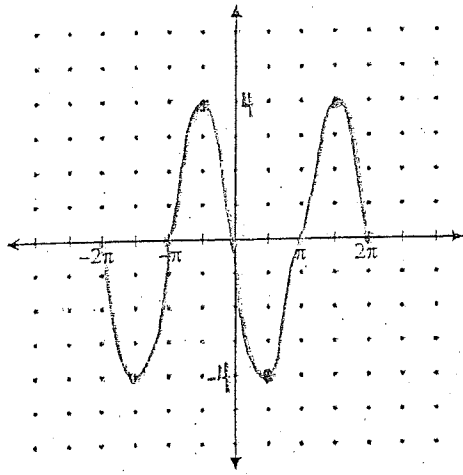
9. $f(x) =$ _____



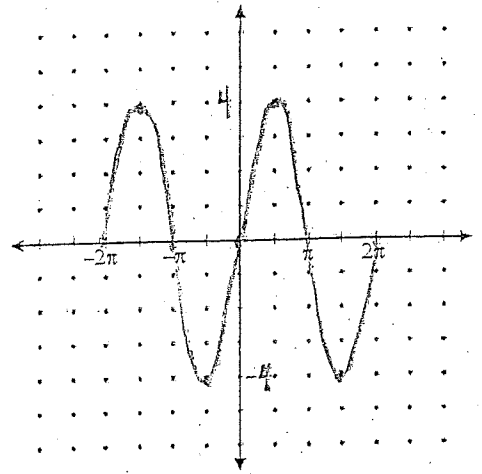
10. $f(x) =$ _____



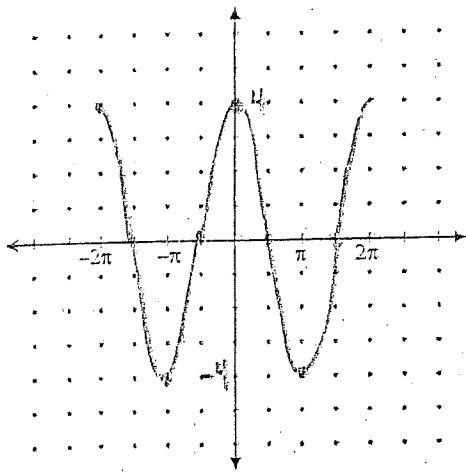
11. $f(x) =$ _____



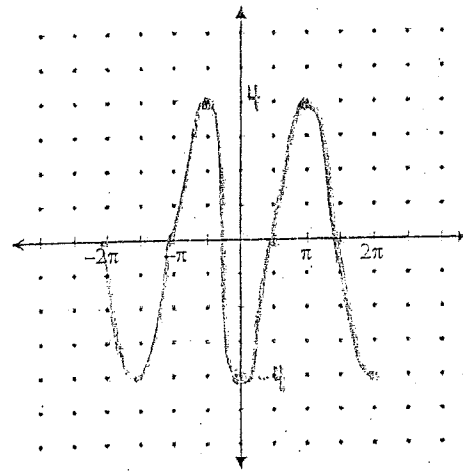
12. $f(x) =$ _____



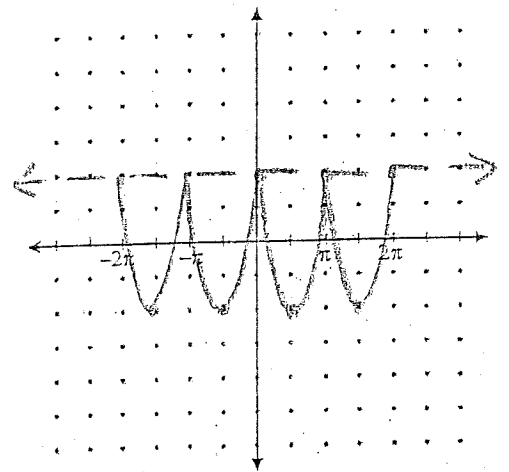
13. $f(x) =$ _____



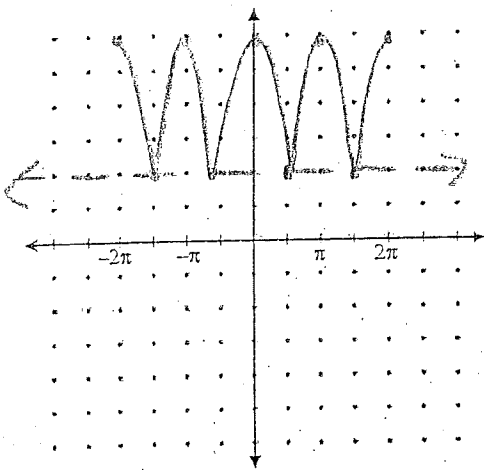
14. $f(x) =$ _____



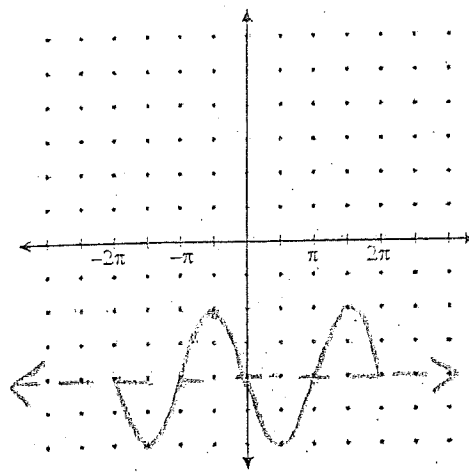
15. $f(x) =$ _____



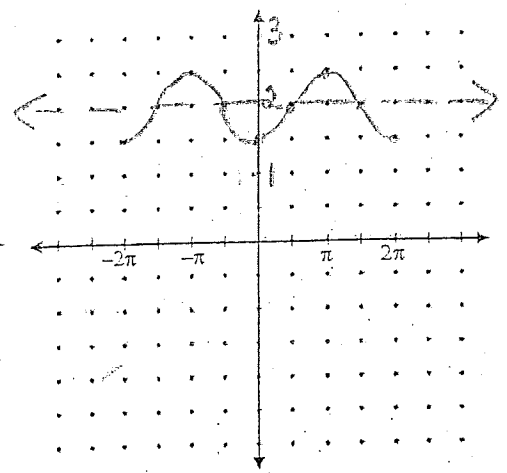
16. $f(x) =$ _____



17. $f(x) =$ _____

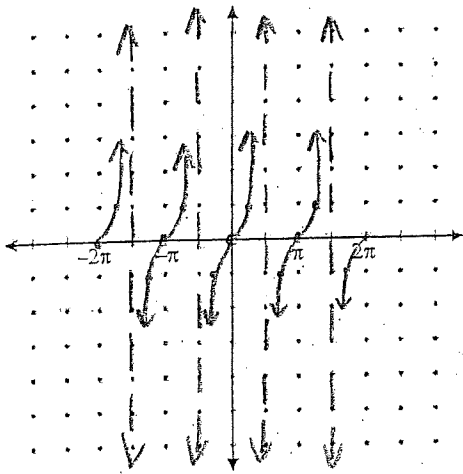


18. $f(x) =$ _____

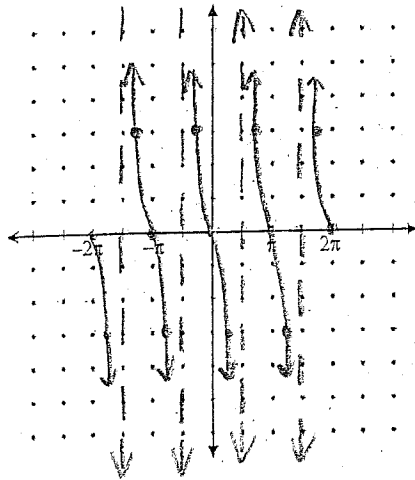


Write the equation for the following trig functions for $-2\pi \leq t \leq 2\pi$.

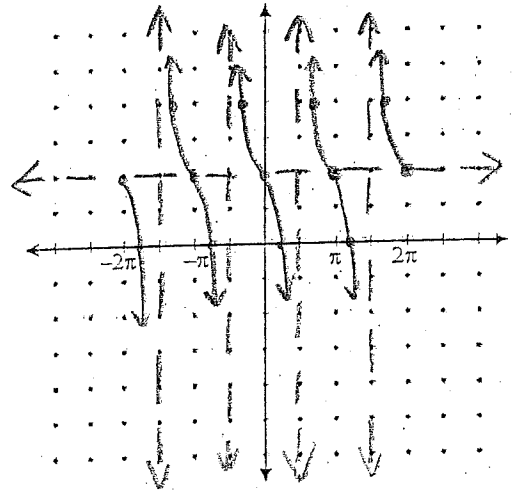
1. $f(x) =$ _____



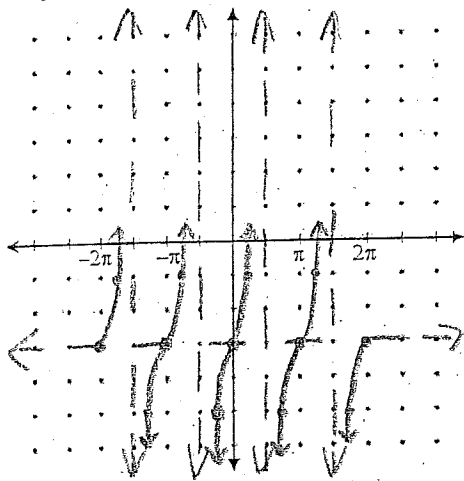
2. $f(x) =$ _____



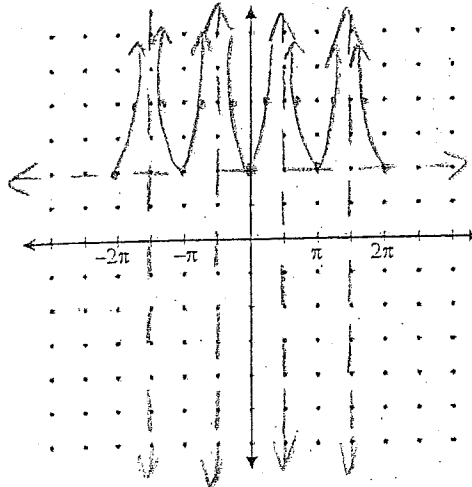
3. $f(x) =$ _____



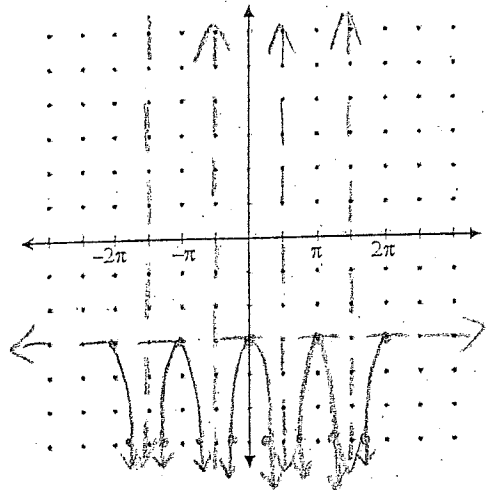
4. $f(x) =$ _____



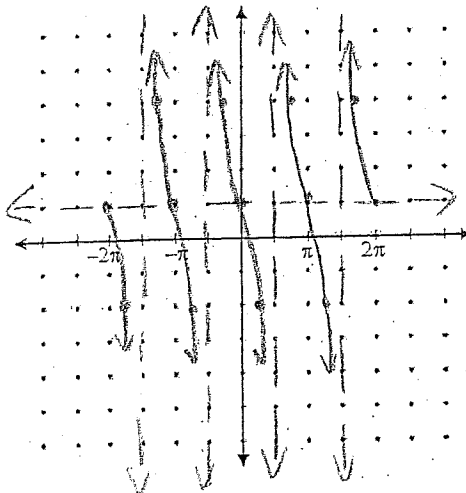
5. $f(x) =$ _____



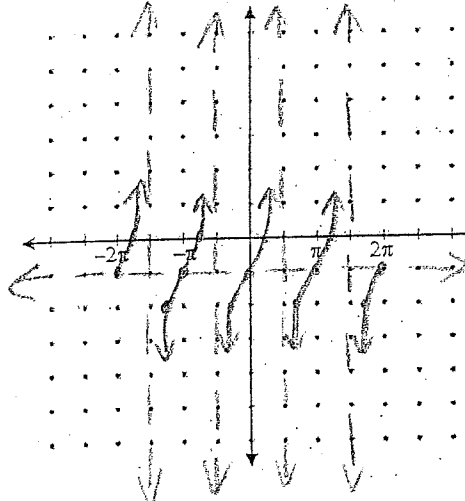
6. $f(x) =$ _____



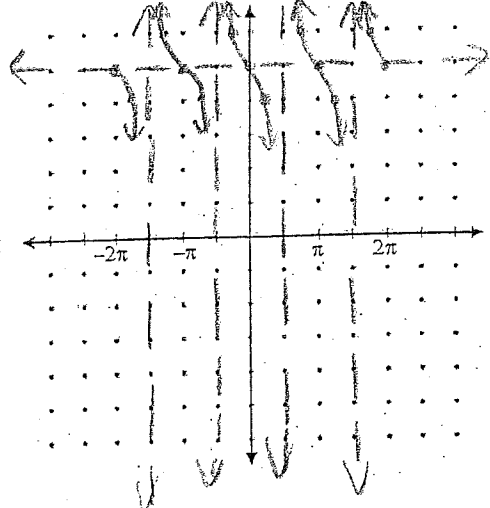
7. $f(x) =$ _____



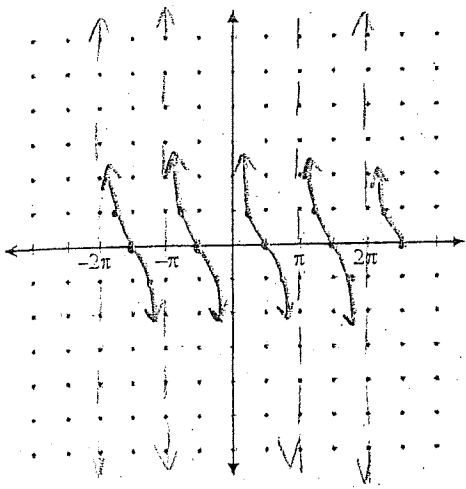
8. $f(x) =$ _____



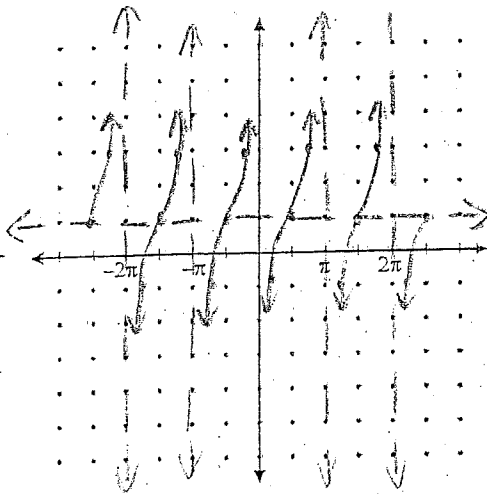
9. $f(x) =$ _____



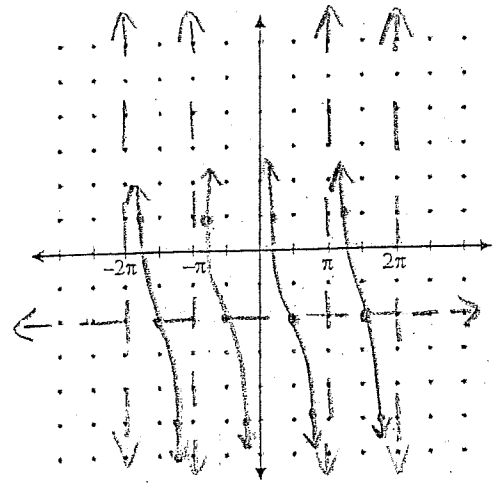
10. $f(x) =$ _____



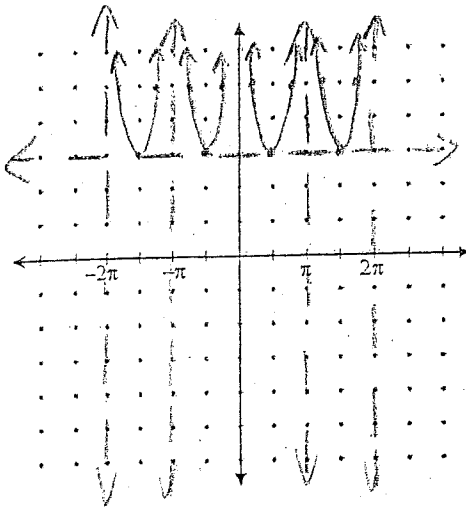
11. $f(x) =$ _____



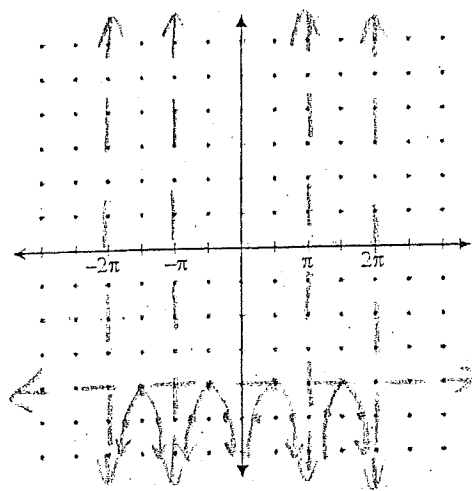
12. $f(x) =$ _____



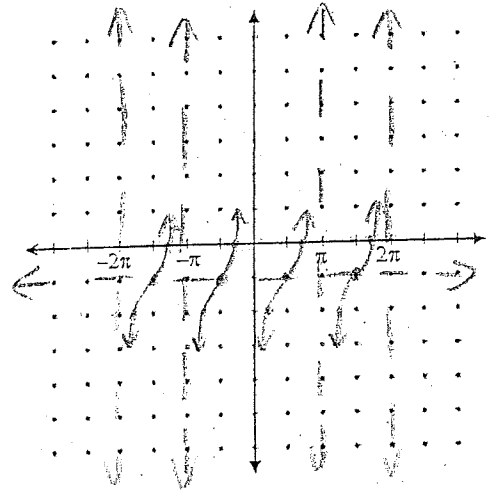
13. $f(x) =$ _____



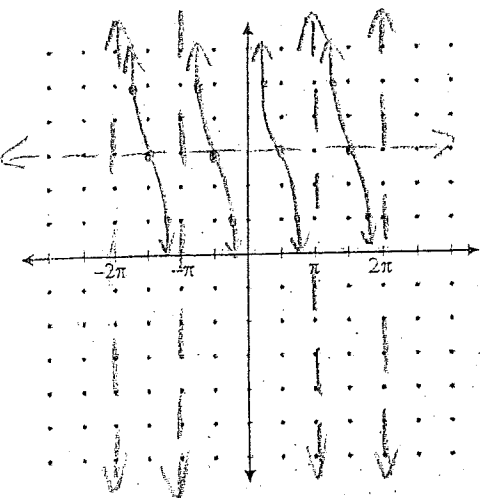
14. $f(x) =$ _____



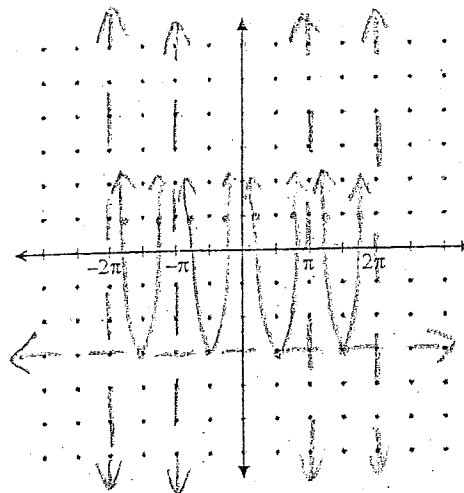
15. $f(x) =$ _____



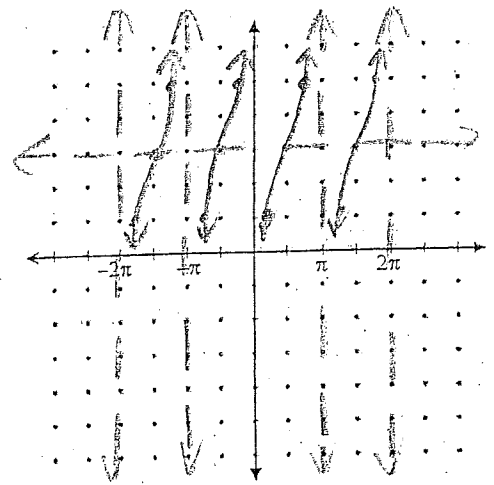
16. $f(x) =$ _____



17. $f(x) =$ _____



18. $f(x) =$ _____

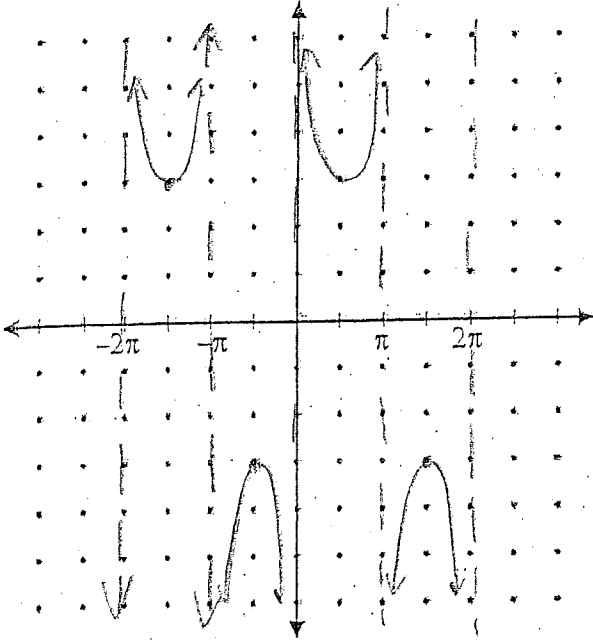


PreCalculus
Worksheet 7.1 D
Graphing Trig Functions

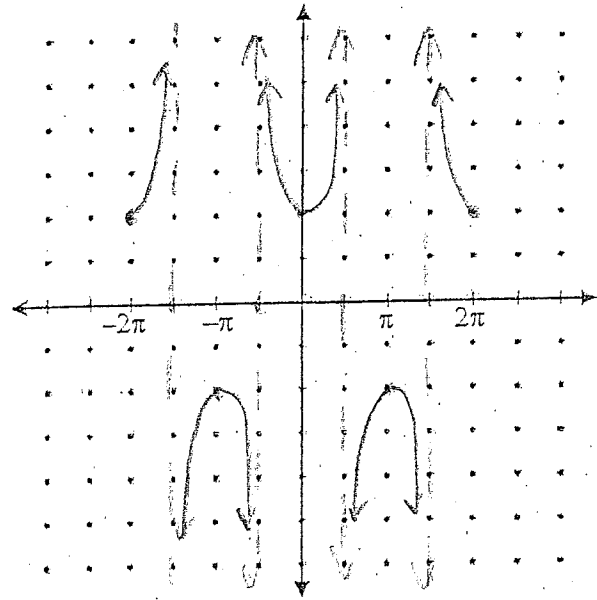
Name _____

Write the equation for the following trig functions for $-2\pi \leq t \leq 2\pi$.

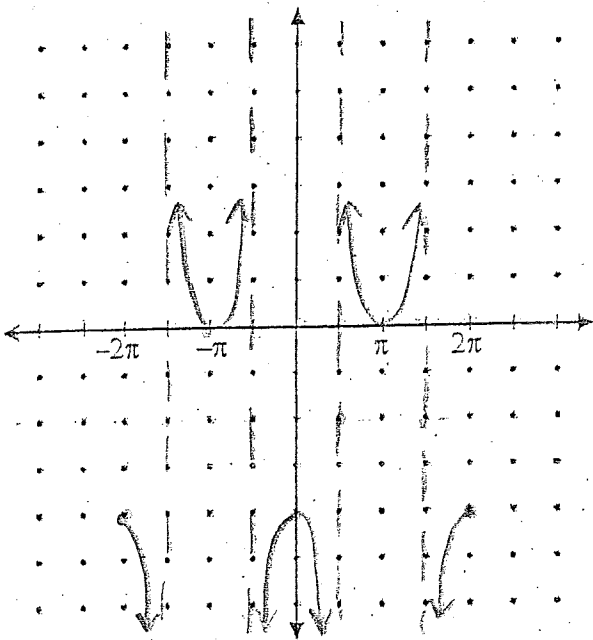
1. $f(x) =$ _____



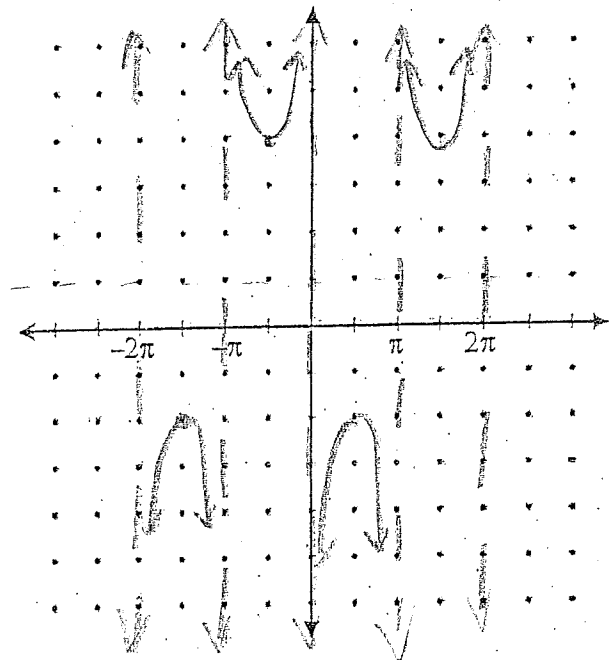
2. $f(x) =$ _____



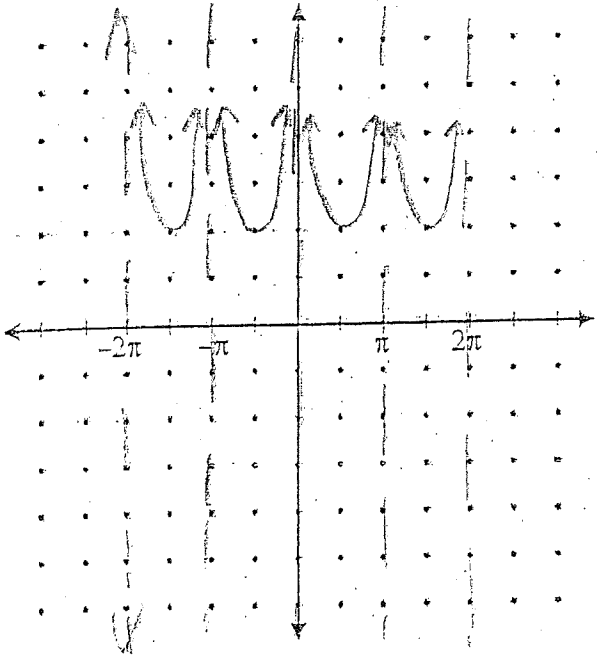
3. $f(x) =$ _____



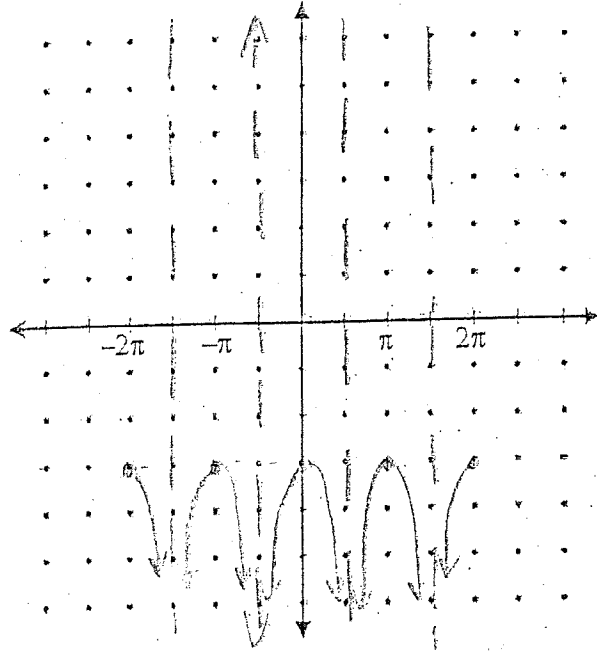
4. $f(x) =$ _____



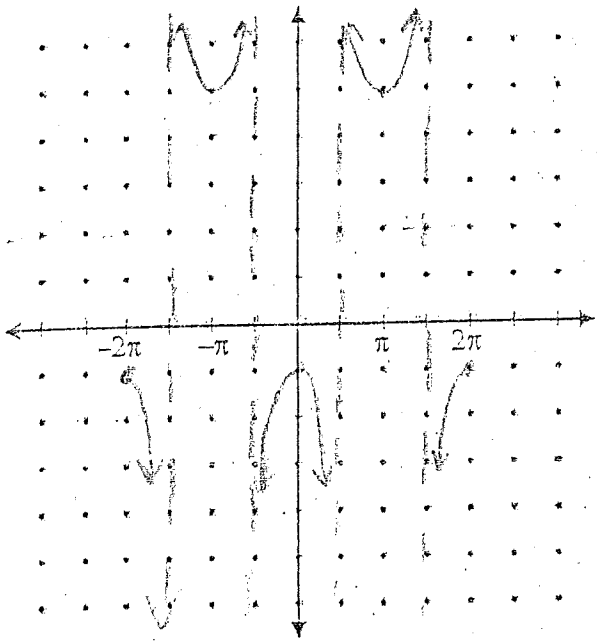
5. $f(x) =$ _____



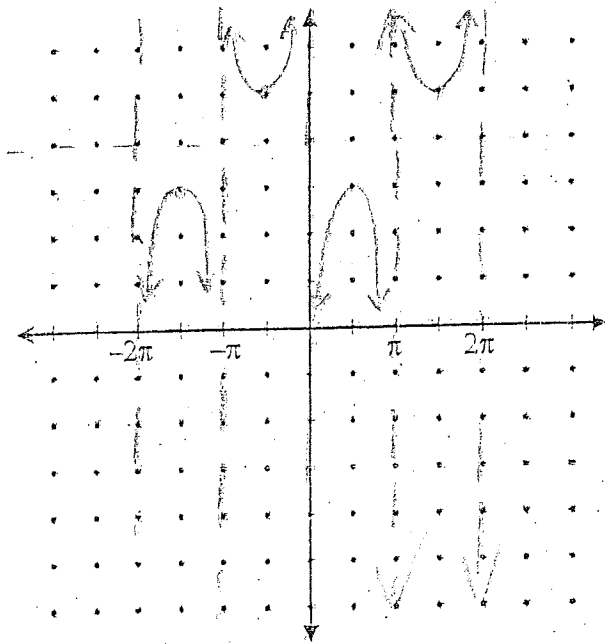
6. $f(x) =$ _____



7. $f(x) =$ _____



8. $f(x) =$ _____

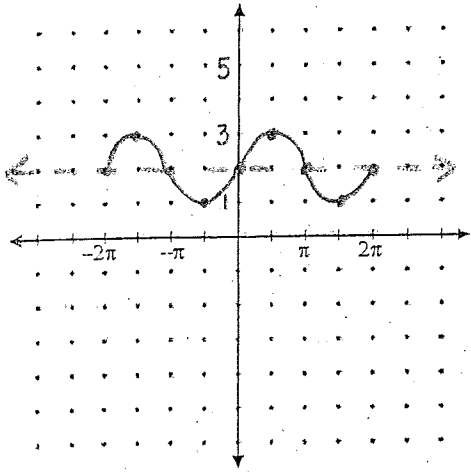


PreCalculus
Worksheet 7.1 B
Graphing Sine and Cosine

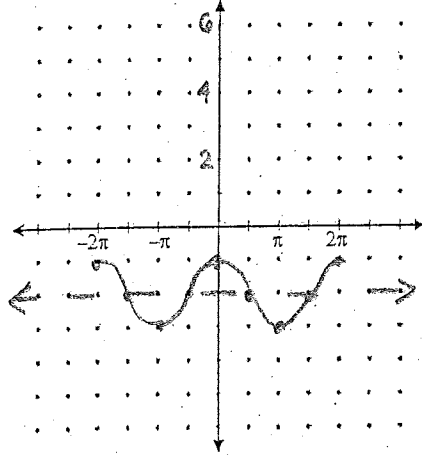
Name Key

Write the equation for the following trig functions for $-2\pi \leq t \leq 2\pi$.

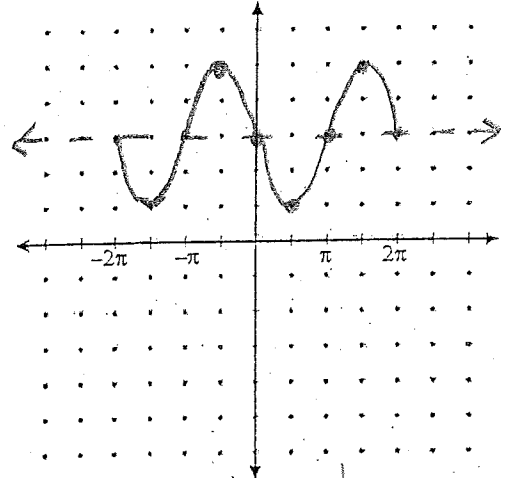
1. $f(x) = \underline{\sin t + 2}$



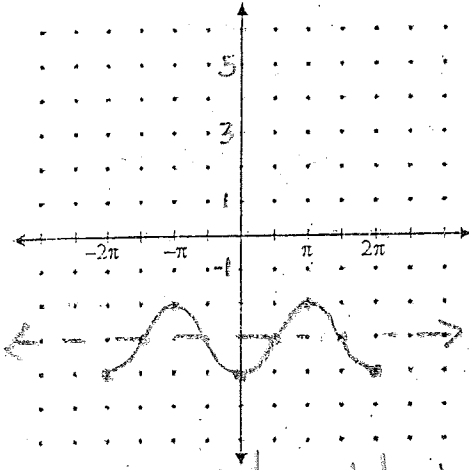
2. $f(x) = \underline{\cos t - 2}$



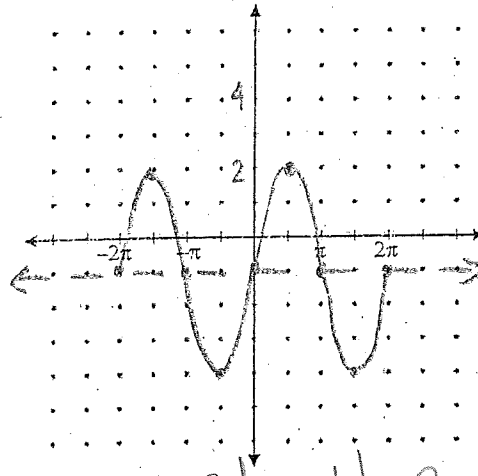
3. $f(x) = \underline{-2\sin t + 3}$



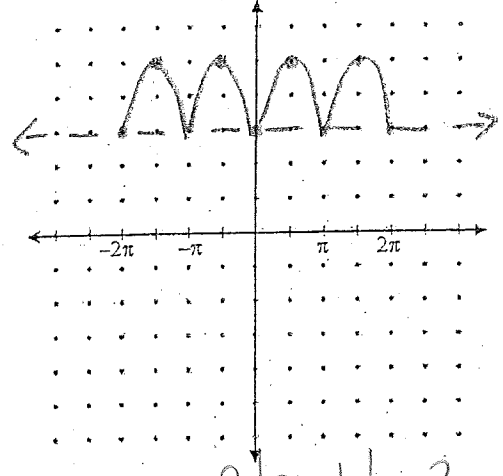
4. $f(x) = \underline{-\cos t - 3}$



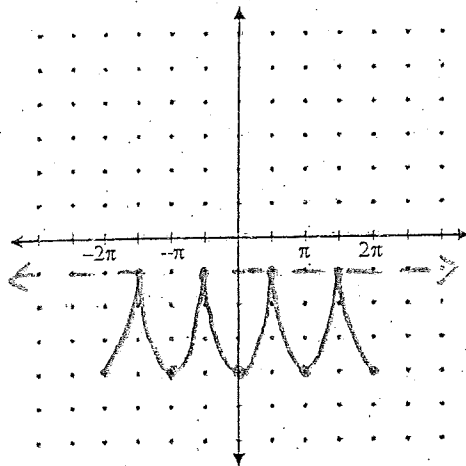
5. $f(x) = \underline{3\sin t - 1}$



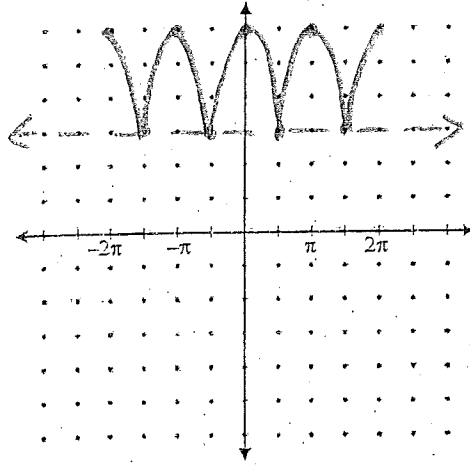
6. $f(x) = \underline{2|\sin t| + 3}$



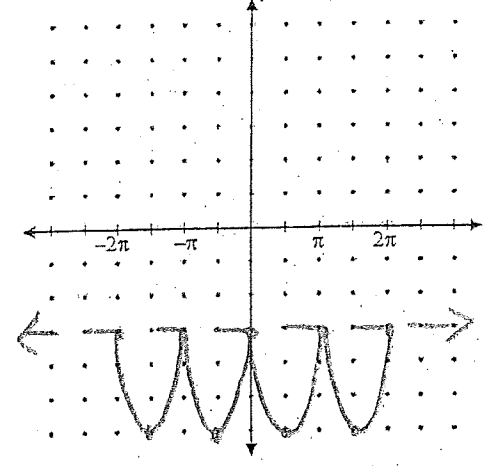
7. $f(x) = \underline{-3|\cos t| - 1}$



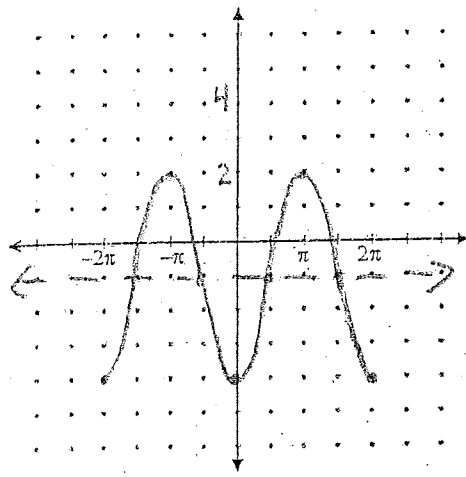
8. $f(x) = \underline{3|\cos t| + 3}$



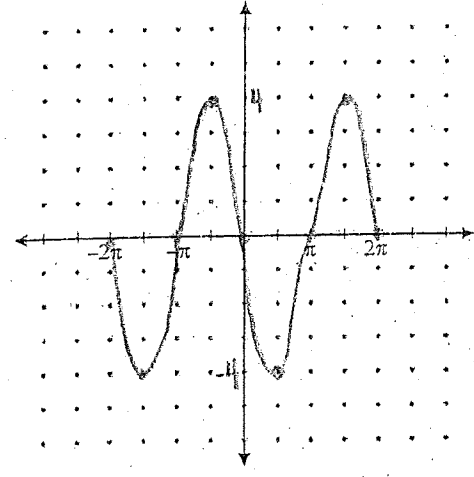
9. $f(x) = \underline{-3|\sin t| - 3}$



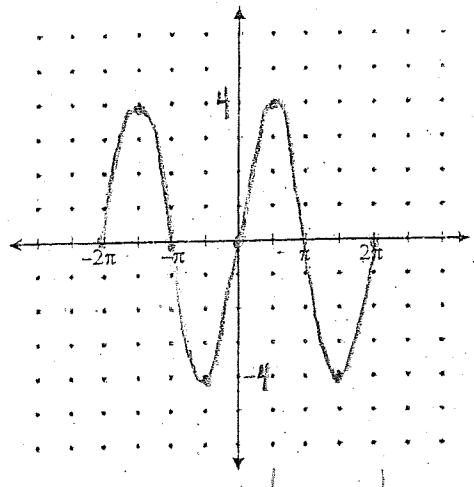
10. $f(x) = -3\cos t - 1$



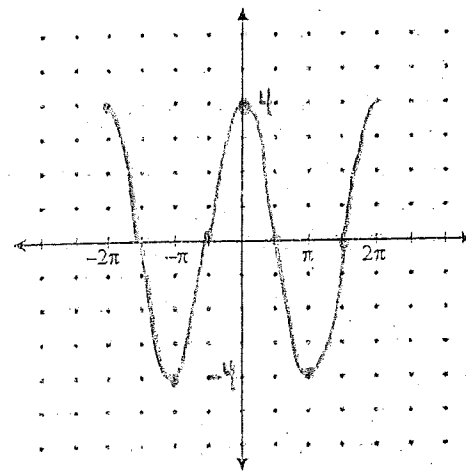
11. $f(x) = -4\sin t$



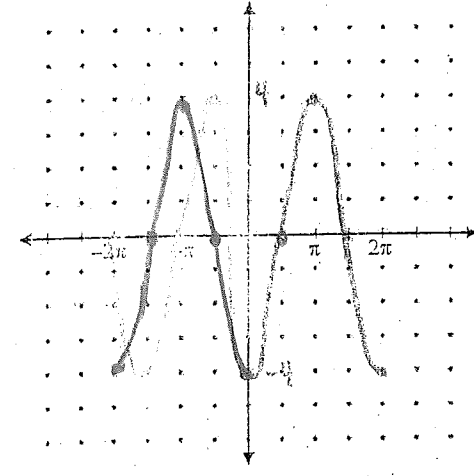
12. $f(x) = 4\sin t$



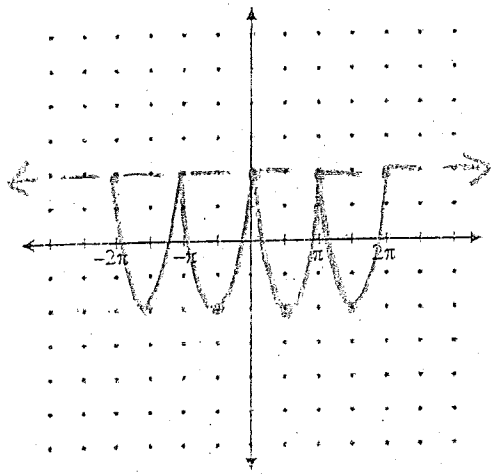
13. $f(x) = 4\cos t$



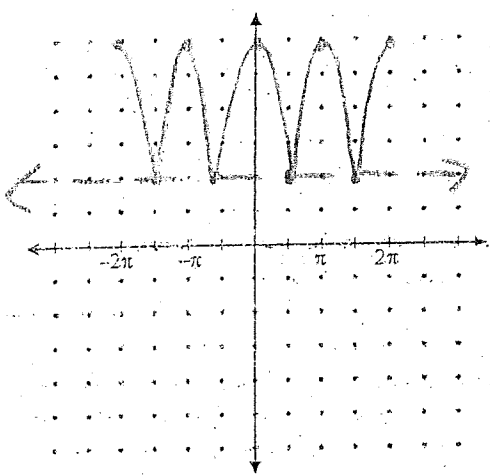
14. $f(x) = -4\cos t$



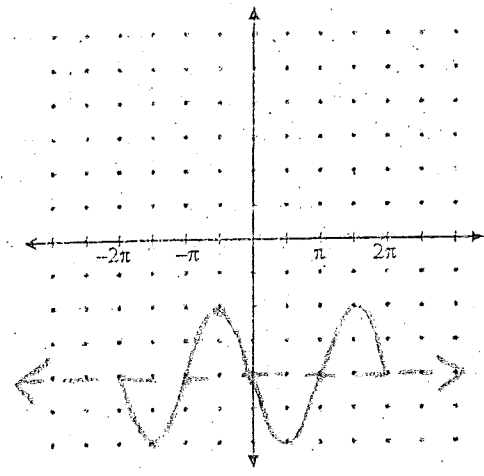
15. $f(x) = -4|\sin t| + 2$



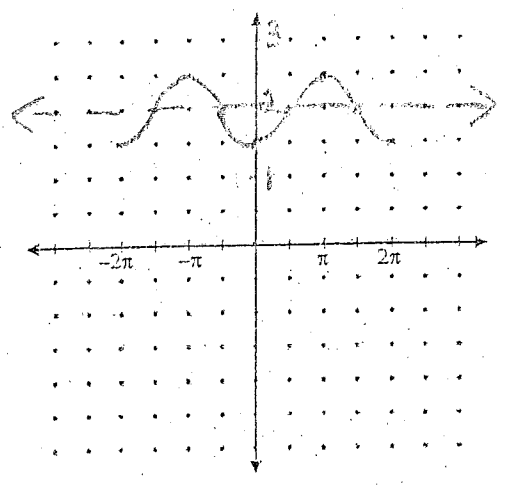
16. $f(x) = 4|\cos t| + 2$



17. $f(x) = -2\sin t - 4$



18. $f(x) = -\frac{1}{2}\cos t + 2$

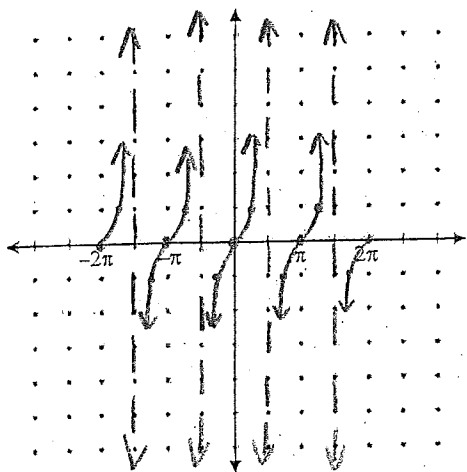


PreCalculus
Worksheet 7.1 C
Graphing Tangent and Cotangent

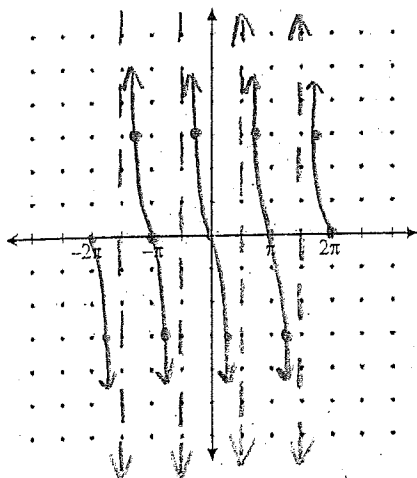
Name _____

Write the equation for the following trig functions for $-2\pi \leq t \leq 2\pi$.

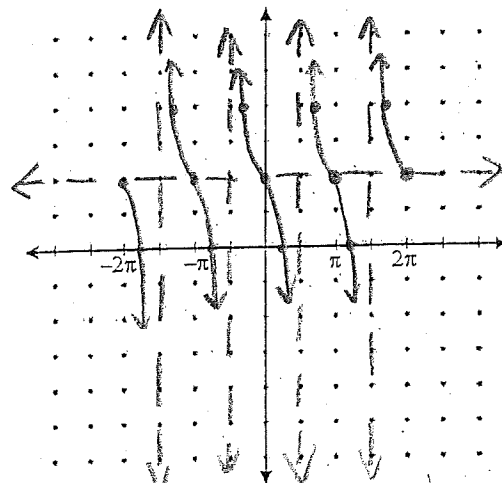
1. $f(x) = \underline{\tan t}$



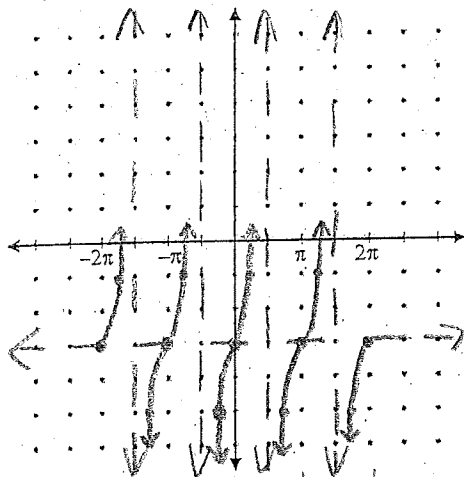
2. $f(x) = \underline{-3 \tan t}$



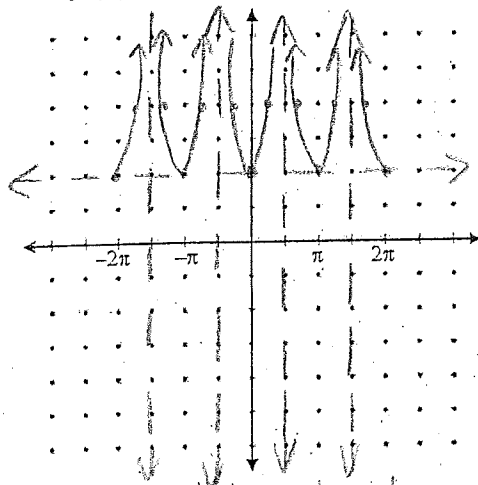
3. $f(x) = \underline{-2 \tan t + 2}$



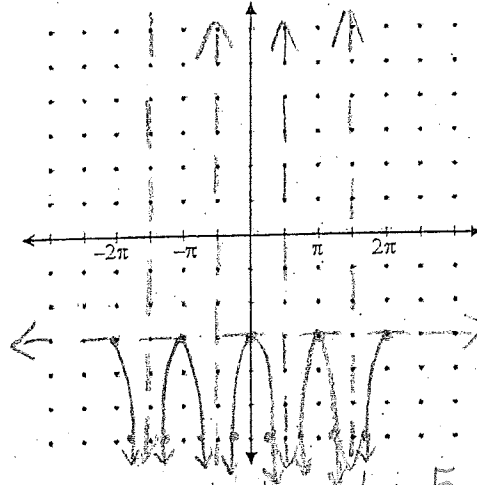
4. $f(x) = \underline{2 \tan t - 3}$



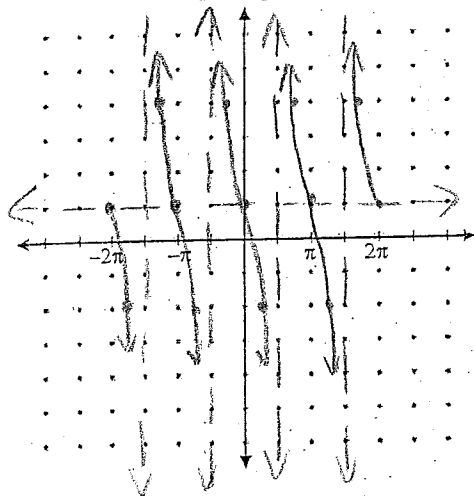
5. $f(x) = \underline{2 |\tan t| + 2}$



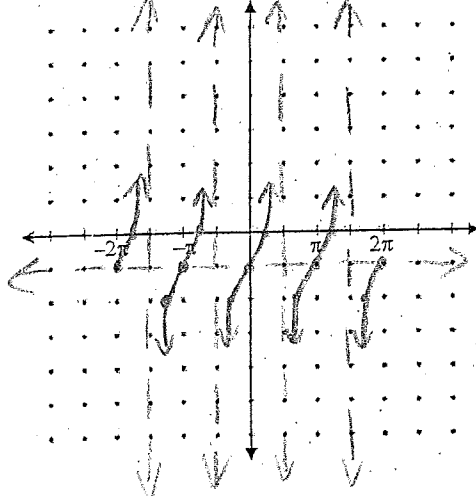
6. $f(x) = \underline{-3 |\tan t| - 3}$



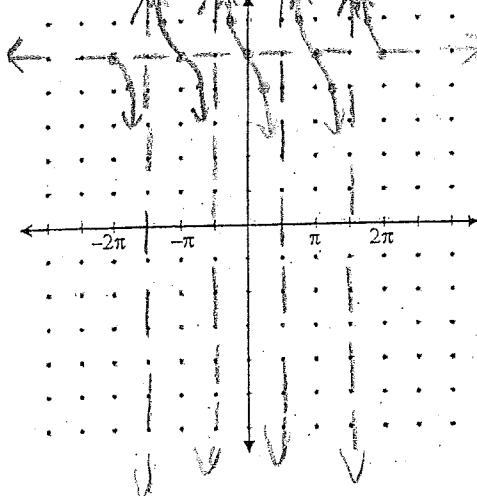
7. $f(x) = \underline{-3 \tan t + 1}$



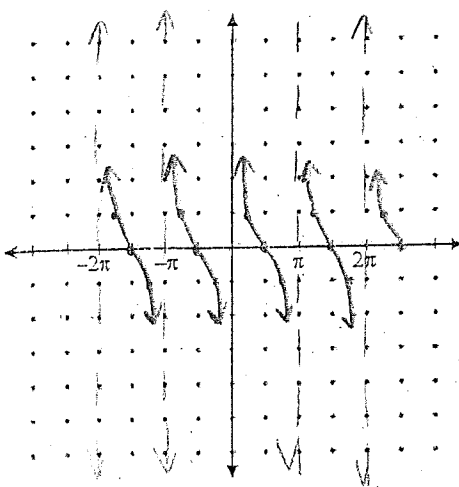
8. $f(x) = \underline{|\tan t| - 1}$



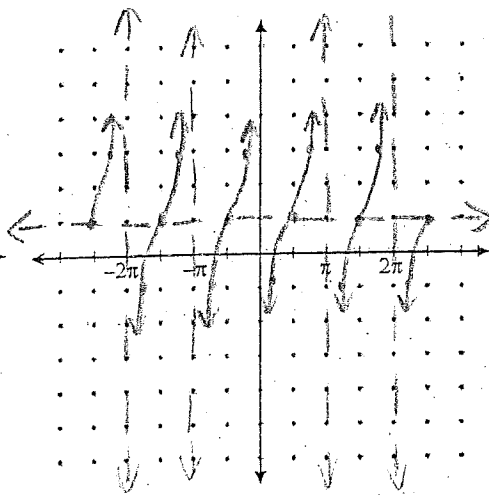
9. $f(x) = \underline{-1 \tan t + 5}$



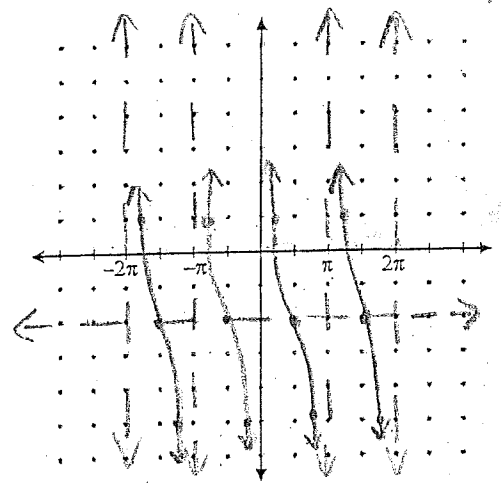
10. $f(x) = \cot t$



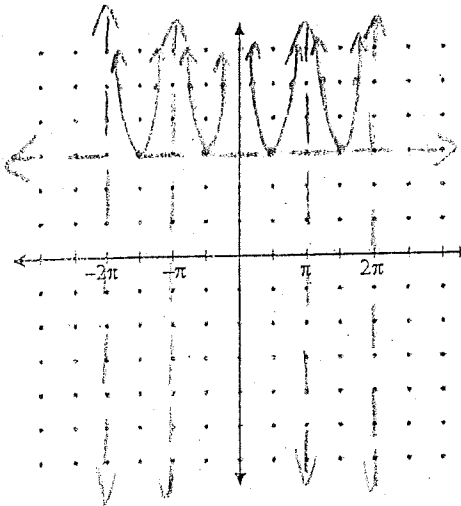
11. $f(x) = -2 \cot t + 1$



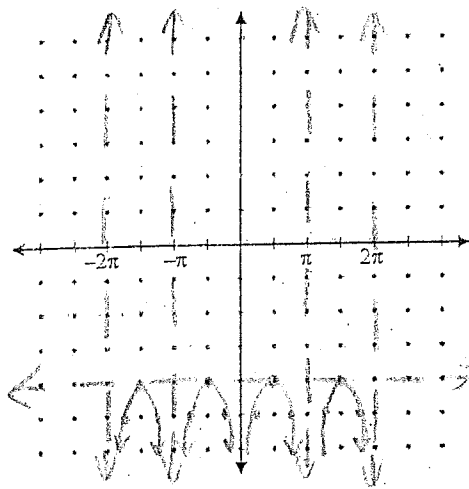
12. $f(x) = 3 \cot t - 2$



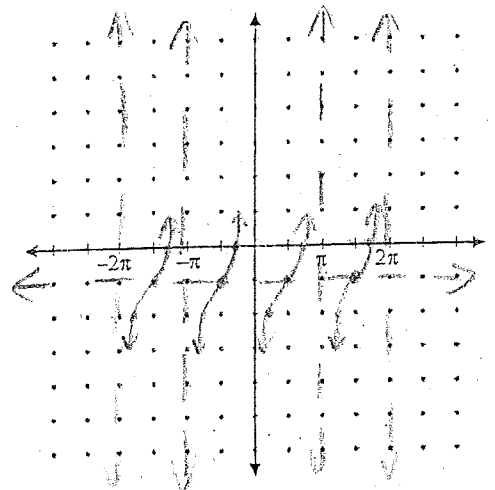
13. $f(x) = 2|\cot t| + 3$



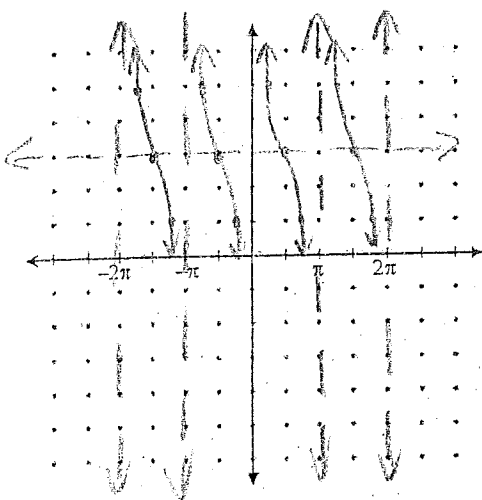
14. $f(x) = -|\cot t| - 4$



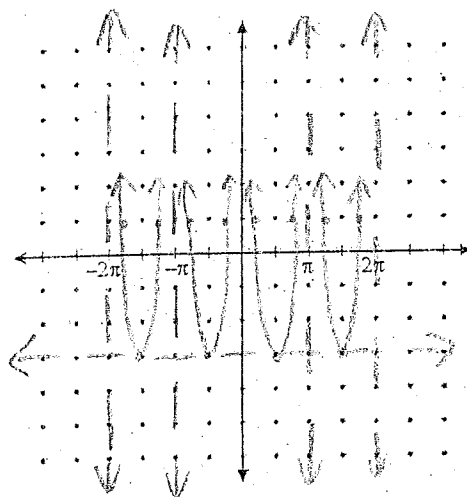
15. $f(x) = -\cot t - 1$



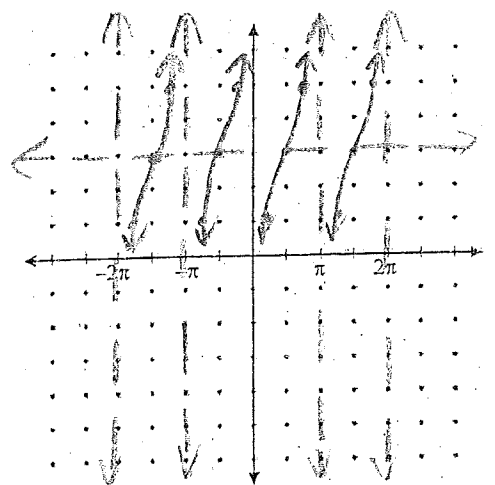
16. $f(x) = 2 \cot t + 3$



17. $f(x) = 4|\cot t| - 3$



18. $f(x) = -2 \cot t + 3$

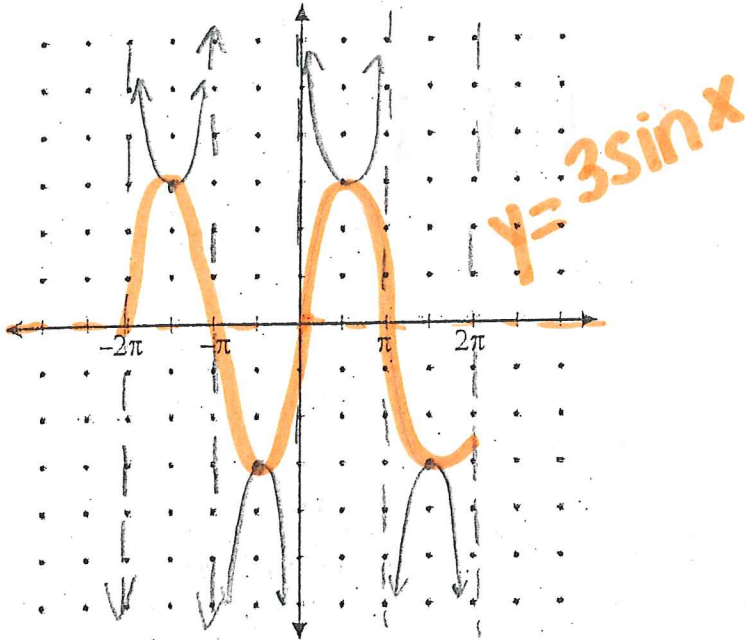


PreCalculus
Worksheet 7.1 D
Graphing Trig Functions

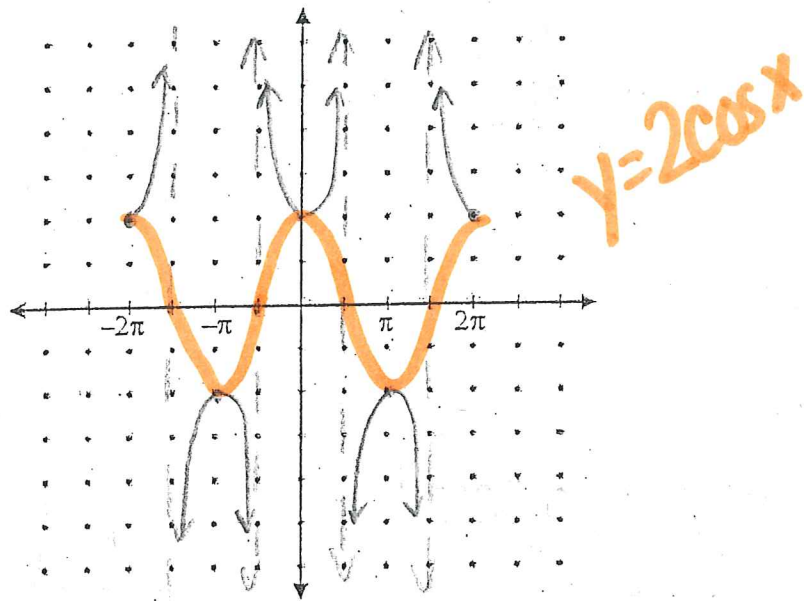
Name _____

Write the equation for the following trig functions for $-2\pi \leq t \leq 2\pi$.

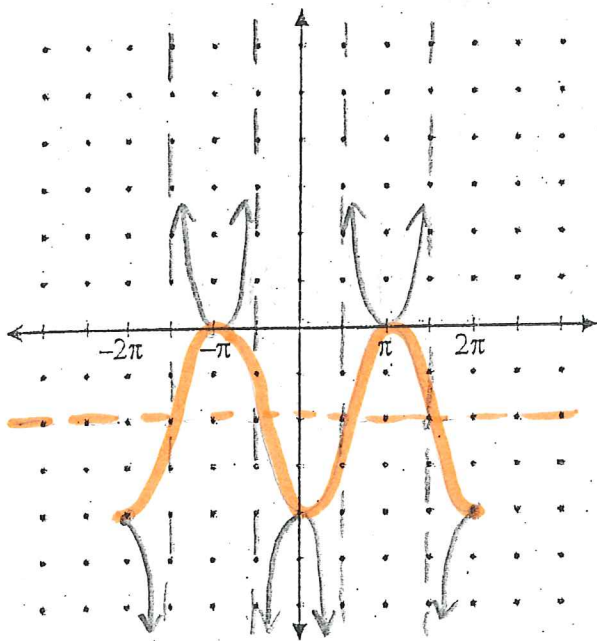
1. $f(x) = \underline{3\csc t}$



2. $f(x) = \underline{2\sec t}$

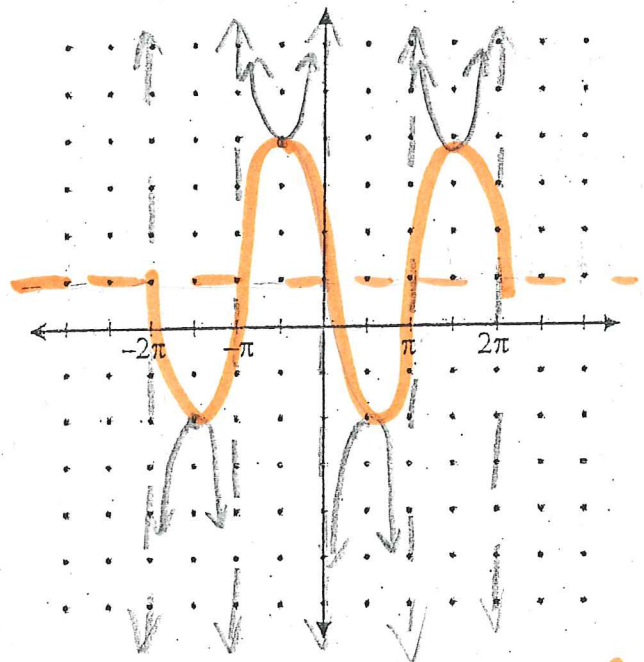


3. $f(x) = \underline{-2\sec t - 2}$



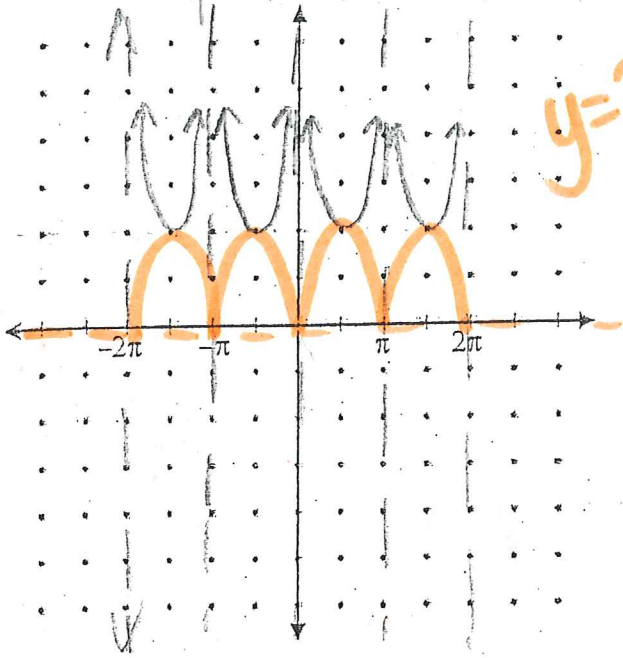
$y = -2\cos x - 2$

4. $f(x) = \underline{-3\csc t + 1}$

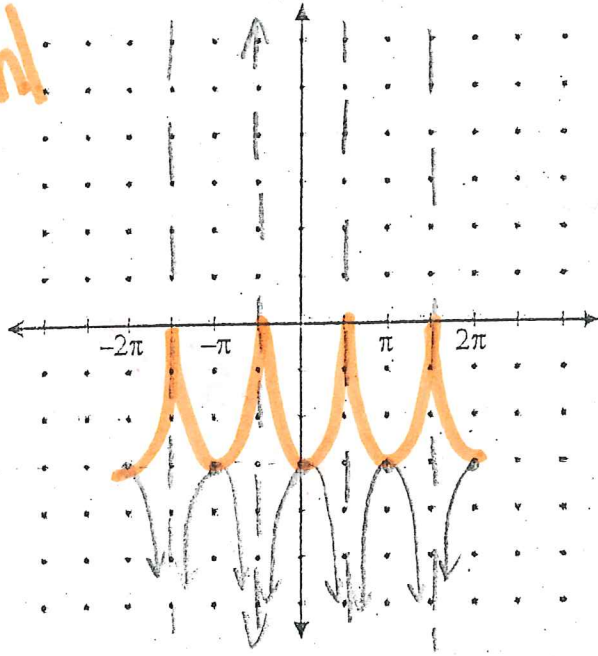


$y = -3\sin x + 1$

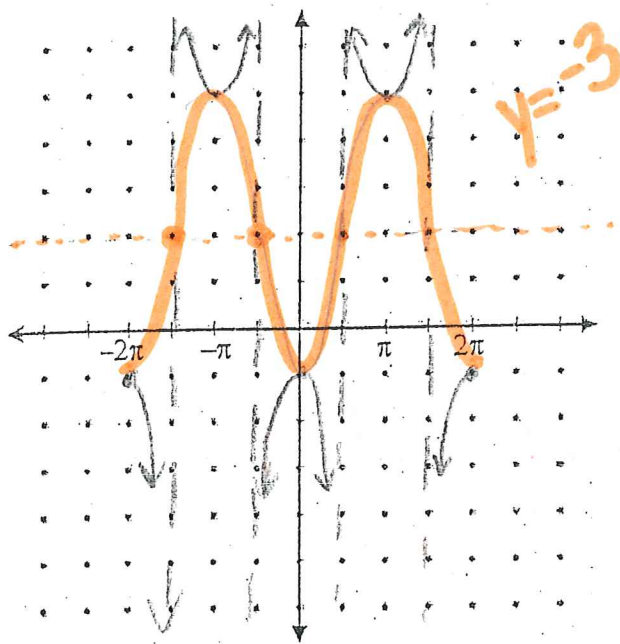
$$5. f(x) = \frac{2|\csc t|}{1}$$



$$6. f(x) = \frac{-3|\sec t|}{1}$$



$$7. f(x) = \frac{-3 \sec t + 2}{1}$$



$$8. f(x) = \frac{-\csc t + 4}{1}$$

