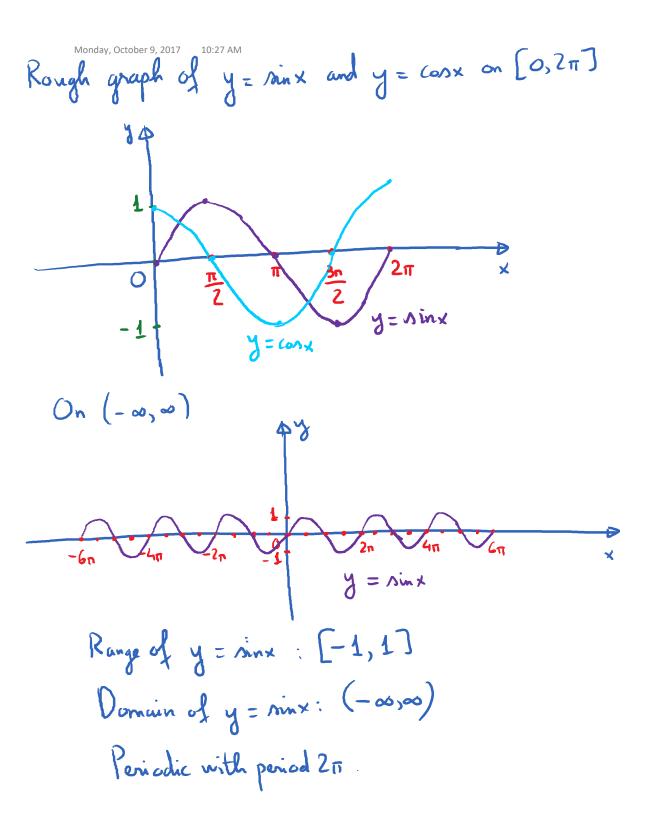


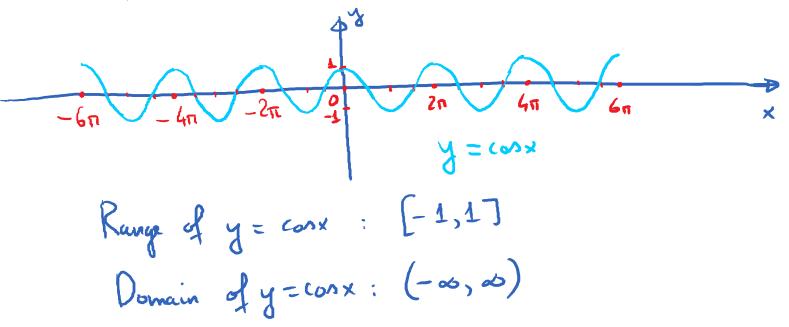
We have:  

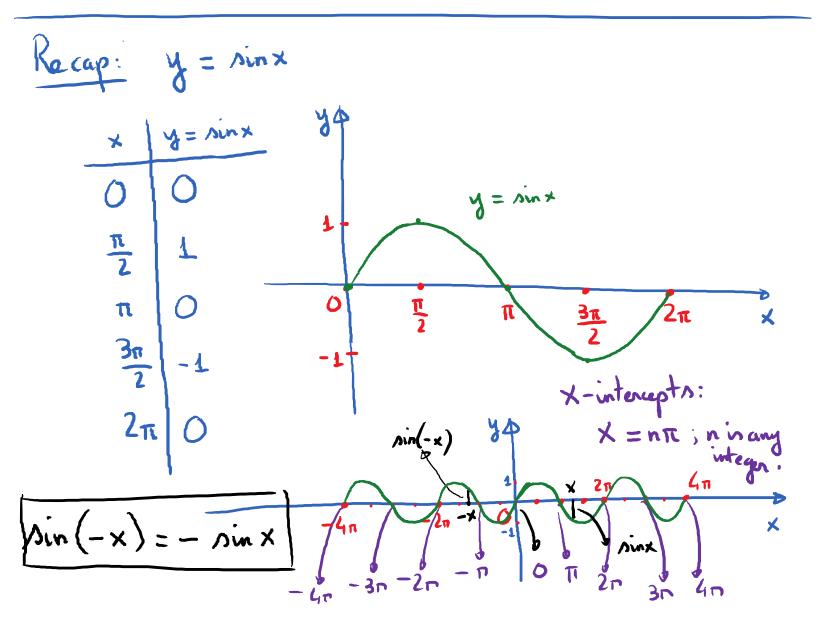
$$Con(\theta + n \cdot 2\pi) = con(\theta)$$
 Here n is an  
 $sin(\theta + n \cdot 2\pi) = sin(\theta)$  integer.  
We say that cosine and sine are periodic functions  
with period  $2\pi$ .

10:01 AM Monday, October 9, 2017 understand the behavior of the graph of Goal: 0 and cosine on the interval [0,21] sine 3 (u,v) (x,y) 2π T Corine Sine Interval Increasing Decreasing  $\left[0, \frac{n}{2}\right]$ Pecreasing Decreasing  $\left( \frac{\pi}{2}, \pi \right)$ Increasing Decreasing Increasing (3n, 2n]Loureasing



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