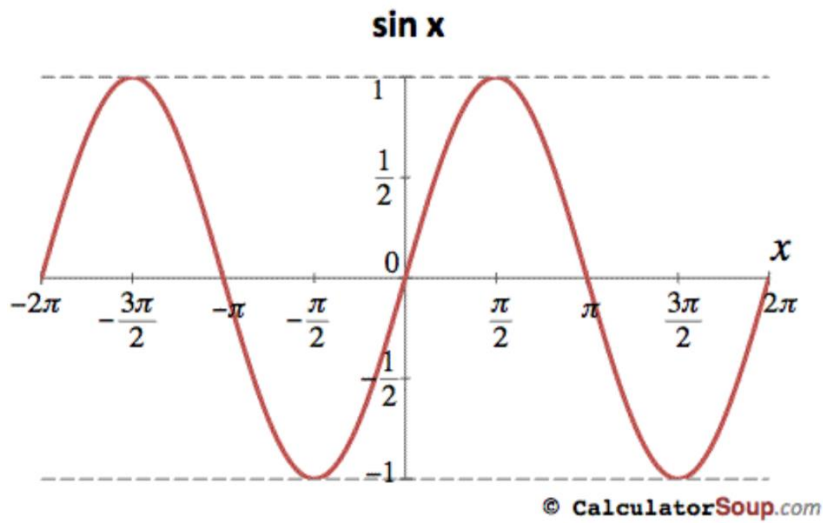


MATH 1080 NOTES

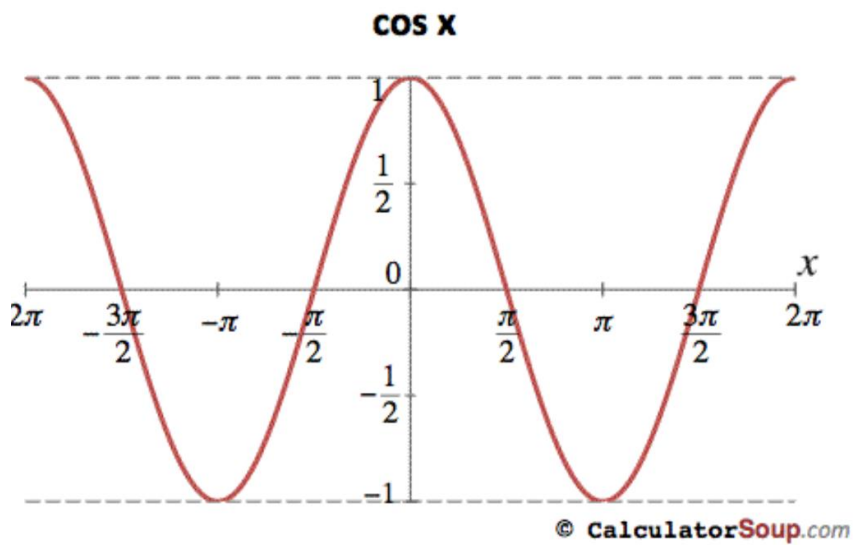
Trigonometric Functions Review with Increasing & Decreasing Functions

Recall the graphs of the trigonometric functions sine, cosine, and tangent.

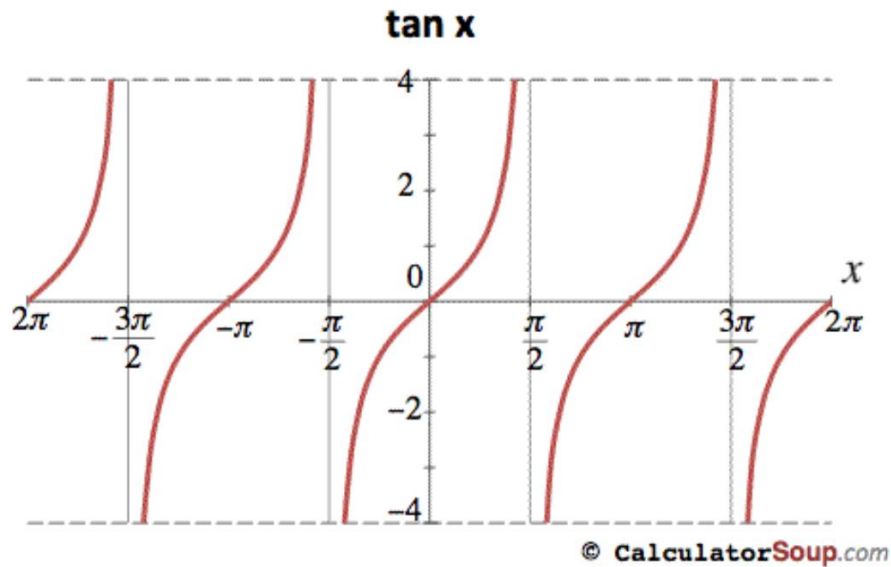
1. $y = \sin x$



2. $y = \cos x$



3. $y = \tan x$



For each question determine the quadrant(s) for which the statement is true for each graph. Circle all quadrants that apply.

I II III IV None 1. $y = \sin x, y = \cos x, y = \tan x$ are ALL positive.

I II III IV None 2. $y = \sin x$ is negative and decreasing.

I II III IV None 3. $y = \tan x$ is increasing

I II III IV None 4. $y = \cos x$ is positive

I II III IV None 5. $y = \cos x$ is BOTH negative and decreasing.