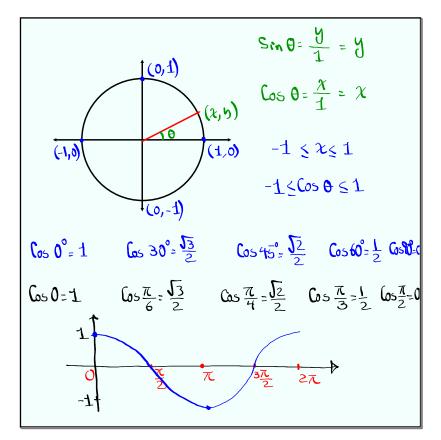
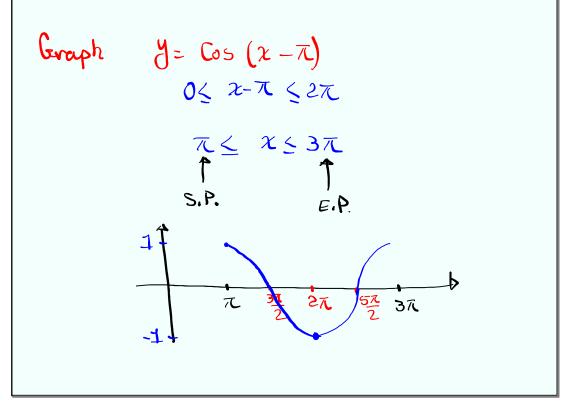


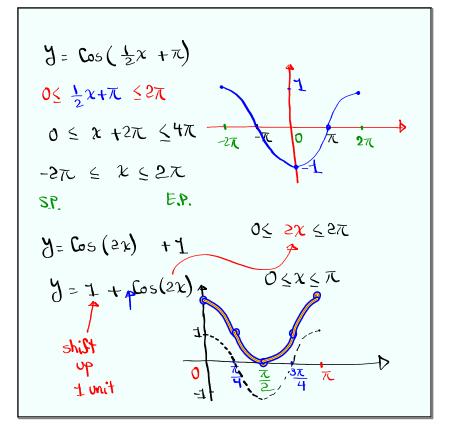
Feb 19-8:47 AM



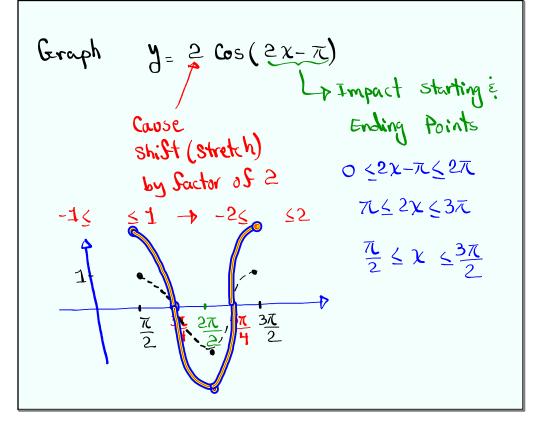
Oct 21-10:29 AM



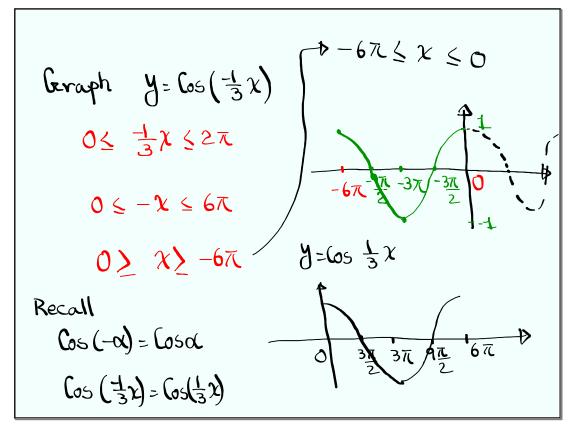
Oct 22-10:34 AM

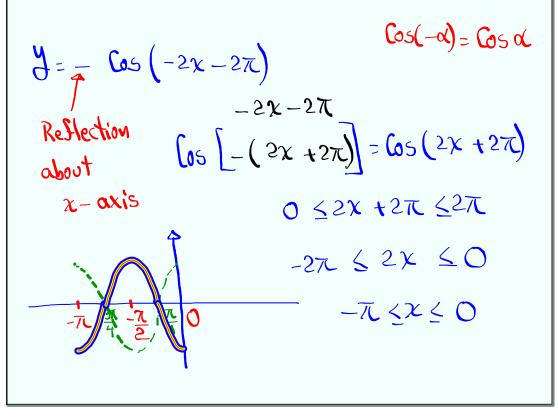


Oct 22-10:37 AM

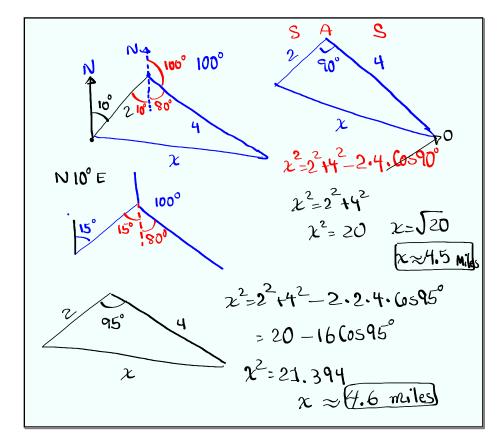


Oct 22-10:47 AM





Oct 22-10:58 AM



Sin A =
$$\frac{12}{13}$$
, A is in QI
Cos B = $\frac{3}{5}$, B is in QI
Exact Ans.
Sin (A + B) = Sin A Cos B + Cos A Sin B
 $= \frac{12}{13} \cdot \frac{3}{5} + \frac{-5}{13} \cdot \frac{-4}{5} = \frac{56}{65}$
Cos (A - B) = Cos A Cos B + Sin A Sin B
 $= \frac{-5}{13} \cdot \frac{3}{5} + \frac{12}{13} \cdot \frac{-4}{5} = \frac{-63}{65}$
tan $\frac{B}{2} = \frac{1 - Cos B}{Sin B} = \frac{sin B}{1 + cos B}$
 $tan \frac{B}{2} : \frac{-4}{13} = \frac{-4}{5} = \frac{-4}{5 + 3} = \frac{4}{8} = \frac{-1}{2}$

Oct 22-11:12 AM

Sind the area of triangle below

$$\begin{array}{c}
\text{Hermitian}\\
\text{He$$

Alejandro's angle of elevation to the top of tree was 20°. He walked 20 St towards the tree, new angle of elevation is 30°. How tall is the tree? $\tan 30^\circ = \frac{h}{\chi}$ h $h = \chi \tan 30^\circ$ h $h = \chi \tan 30^\circ$ 20° χ Tree $\tan 20^\circ = \frac{h}{20 + \chi}$ x tan 30°=20 tan 20°+2 tan 20° h= (20+x). tan 20° χ tan 30° - χ tan 20° = 20 tan 20° $\chi = \frac{20 \tan 20^\circ}{\tan 30^\circ - \tan 20^\circ}$ $h = \frac{20 \tan 20^{\circ} \tan 30^{\circ}}{\tan 30^{\circ} - \tan 20^{\circ}}$

Oct 22-11:25 AM

Two radar stations are 1000 St aport. on a straight line. Diego's bearing to one is N20°E, and N 70°W to the other one. How far is Diego From each roudar Stations? RS 1200 70 70 1 $\sin 70^\circ = \frac{x}{1000} = x = 1000 \sin 70^\circ$ Sin 20° = 5 45 1000 Sin 20°

Oct 22-11:33 AM