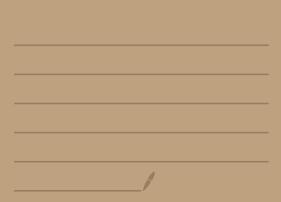
Trigonometry Review



old Trig Review Trig Fundians · Slh(x) · Cos(x)
Sine · Cosine ·tan(x) tangent Reciprocal Trig Functions $\frac{1}{S(x)} \cdot \cot(x) = \frac{1}{\tan(x)}$ $\cdot \operatorname{Sec}(x) = \frac{1}{\cos(x)}$ $\operatorname{Sec}(x) = \frac{1}{\cos(x)}$ $\cdot \csc(x) = \frac{1}{x}$ cosecant 45°工(毛,花) _30。正(至,元) Unit Circle (X,y) (COSX,SINX) 0,360 (10) (-1,0) or 150° Comparing from Degrees to Radians: Curverting from Radians to Degrees: Multiply by IT multiply by 180° This was created by Keenan Xavier Lee, 2013. See my website for more information, lee-apcalculus weebly com.

Trig Chart - memorize

Degres Radians Sint Cost

00 0, 11 0 12 1 13

250 17 1 1

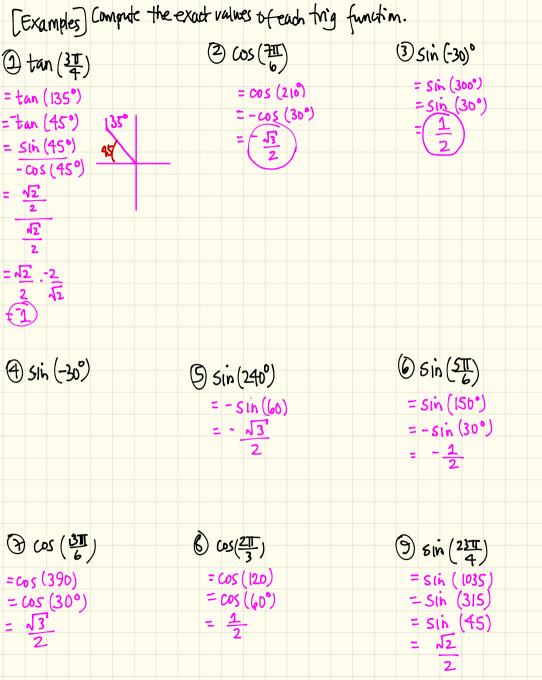
Reference angle 15 the smallest angle that the terminal side of a given angle makes with the x-axis.

150
-135

[Examples] Find the reference angle for each angle.

$$4 \theta = \frac{\pi}{4}$$

$$5 \theta = -\underline{S}\pi$$
3



This was created by Keenan Xavier Lee, 2013. See my website for more information, lee-apcalculus.weebly.com.