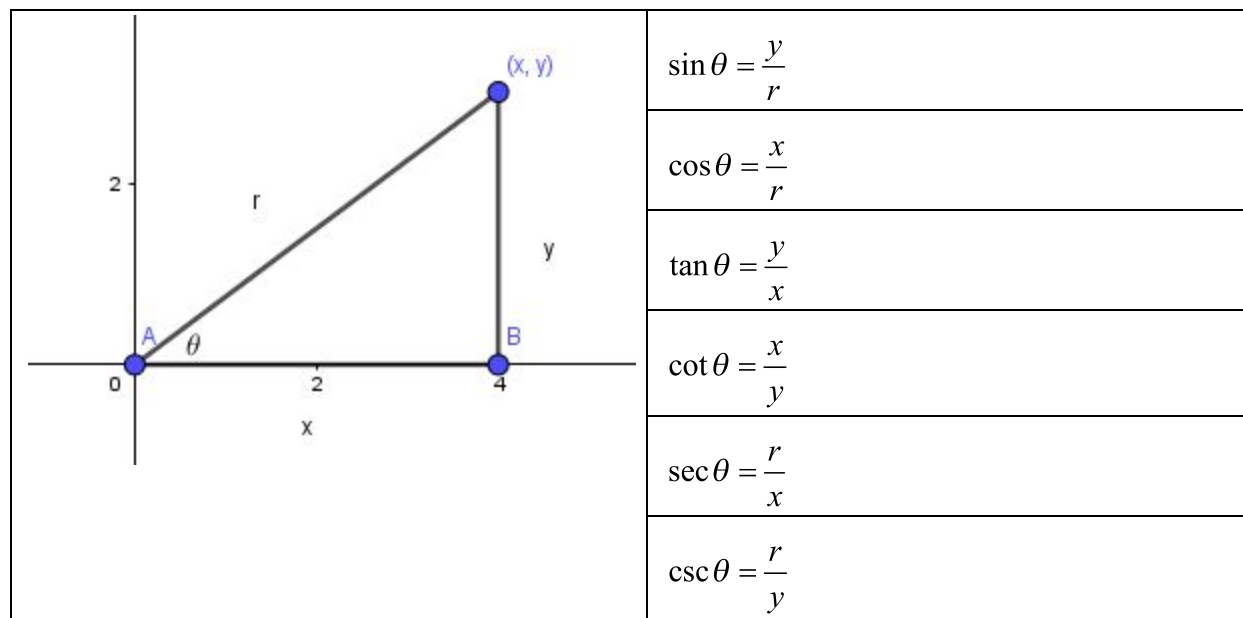


Class Discussion

Unit 4 Topic 4 Part 1 Trigonometric function of any angle



Ex 1:

(a) $\sin \theta = \frac{\sqrt{3}}{2}$, find θ if $0 \leq \theta < 2\pi$.

(b) if $\cot \theta = -\frac{\sqrt{5}}{3}$ and $\sin \theta < 0$, Find $\sec \theta$.

(c) Let $\pi \leq \theta < 2\pi$, and $\cot \theta = -\sqrt{3}$. Evaluate $f(\theta)$, if $f(x) = \frac{x^2}{3\pi} - 2x$

Ex 2 if the terminal side of θ is in the 2nd quadrant and $\sin \theta = \frac{2}{3}$, find $\tan \theta$.