Warm-up

No Calculator

1. The terminal side of an angle θ in standard position passes through the given point. Find $\sin\theta, \cos\theta, \tan\theta$ in simplest radical form.

   a. (7,-2) b. (-4, -2)

2. If $\sin\theta = -\frac{1}{3}$ and θ is in quadrant III, what is $\tan\theta$?

3. If $\tan\theta = 1$ and θ is in quadrant I, what is $\cos\theta$?

4. Given $\cos\theta = -\frac{2}{7}, \sin\theta = -\frac{3\sqrt{5}}{7}$,state the quadrant(s) in which the angle lies.