Answer on Question #58897 – Math – Trigonometry

Question

If $\sin \theta > 0$ and $\cos \theta > 0$, then the terminal point determined by θ is in:

quadrant 1.

quadrant 3.

quadrant 2.

quadrant 4.

Answer: Quadrant 1.

Question

If sec $\theta = \frac{5}{3}$ and	I the terminal point determined by θ is in quadrant 4, then:
$\sin\theta = -\frac{2}{5}$	
$\cos \theta = \frac{3}{5}$	
$\csc \theta = -\frac{5}{4}$	
$\tan \theta = \frac{4}{3}$	

Answer: $cos\theta = \frac{3}{5}$, $csc\theta = -5/4$.

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