

4.4 Determining Trigonometric Ratios



$$\tan \theta$$
 can also be defined as: $\tan \theta = \frac{\sin \theta}{\cos \theta}$

If
$$\sin \theta = \frac{3}{\sqrt{10}}$$
 and $\cos \theta = \frac{1}{\sqrt{10}}$, find $\tan \theta$.

$$\int \cos \theta = \frac{5! \sqrt{\theta}}{\cos \theta}$$

$$= \left(\frac{3}{\sqrt{10}}\right)$$

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