

Trigonometric Ratios

1) Find $\tan \theta$, if $\sin \theta = \frac{4}{\sqrt{23}}$.

2) Find $\cos \theta$, if $\tan \theta = \frac{9}{40}$.

3) Find $\sin \theta$, if $\tan \theta = \frac{1}{\sqrt{3}}$.

if $\cos \theta = \frac{2\sqrt{6}}{7}$.

5) Find $\cos \theta$, if $\tan \theta = \frac{1}{\sqrt{3}}$.

if $\cos \theta = \frac{1}{3}$.

PREVIEW

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Trigonometric Ratios

1) Find $\tan \theta$, if $\sin \theta = \frac{4}{\sqrt{23}}$.

2) Find $\cos \theta$, if $\tan \theta = \frac{9}{40}$.

$$\tan \theta = \frac{4\sqrt{7}}{7}$$

$$\cos \theta = \frac{40}{41}$$

PREVIEW

3) Find $\sin \theta$, if $\tan \theta = \frac{5\sqrt{6}}{12}$.

if $\cos \theta = \frac{2\sqrt{6}}{7}$.

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$\sin \theta =$

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$$= \frac{5\sqrt{6}}{12}$$

5) Find $\cos \theta$, if $\sin \theta = \frac{7}{25}$.

if $\cos \theta = \frac{1}{3}$.

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$$\cos \theta = \frac{7}{25}$$

$$\sin \theta = \frac{2\sqrt{2}}{3}$$