

Name : _____

Trigonometric Ratios

Sheet 3

1) Find $\sin \theta$, if $\cot \theta = \frac{3\sqrt{2}}{\sqrt{3}}$.

2) Find $\cos \theta$, if $\operatorname{cosec} \theta = \frac{85}{13}$.

3) Find $\sec \theta$, if

if $\sin \theta = \frac{2}{\sqrt{5}}$.

5) Find $\operatorname{cosec} \theta$,

if $\cos \theta = \frac{11}{61}$.

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Trigonometric Ratios

1) Find $\sin \theta$, if $\cot \theta = \frac{3\sqrt{2}}{\sqrt{3}}$.

2) Find $\cos \theta$, if $\operatorname{cosec} \theta = \frac{85}{13}$.

$$\sin \theta = \frac{\sqrt{7}}{7}$$

$$\cos \theta = \frac{84}{85}$$

PREVIEW

3) Find $\sec \theta$, if

if $\sin \theta = \frac{2}{\sqrt{5}}$.

Gain complete access to the largest collection of worksheets in all subjects!

$$\sec \theta =$$

$$\theta = \frac{1}{2}$$

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

5) Find $\operatorname{cosec} \theta$,

if $\cos \theta = \frac{11}{61}$.

www.mathworksheets4kids.com

$$\operatorname{cosec} \theta = \frac{25}{7}$$

$$\tan \theta = \frac{60}{11}$$