

Name : _____

Trigonometric Ratios

1) Find $\cot \theta$, if $\operatorname{cosec} \theta = \frac{41}{9}$.

2) Find $\operatorname{cosec} \theta$, if $\sec \theta = \frac{13}{12}$.

3) Find $\sec \theta$, if

if $\sec \theta = \frac{\sqrt{41}}{4}$.

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

if $\operatorname{cosec} \theta = \frac{37}{12}$.

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 $\cot \theta$, if $\operatorname{cosec} \theta = \frac{41}{9}$.

2) Find $\operatorname{cosec} \theta$, if $\sec \theta = \frac{13}{12}$.

$$\cot \theta = \frac{40}{9}$$

$$\operatorname{cosec} \theta = \frac{13}{5}$$

PREVIEW

3) Find $\sec \theta$, if

if $\sec \theta = \frac{\sqrt{41}}{4}$.

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

$$\sec \theta =$$

Members, please log in to download this worksheet.

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

$$) = \frac{4}{5}$$

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

if $\operatorname{cosec} \theta = \frac{37}{12}$.

www.mathworksheets4kids.com

$$\operatorname{cosec} \theta = \frac{\sqrt{15}}{3}$$

$$\sec \theta = \frac{37}{35}$$