

Name : _____

Trigonometric Ratios

Sheet 1

1) Find $\cos \theta$, if $\sin \theta = \frac{12}{37}$.

2) Find $\operatorname{cosec} \theta$, if $\cos \theta = \frac{4}{5}$.

3) Find $\cot \theta$, if

if $\operatorname{cosec} \theta = \frac{29}{21}$.

PREVIEW

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5) Find $\sec \theta$, if

if $\tan \theta = \frac{\sqrt{3}}{\sqrt{5}}$.

Trigonometric Ratios

1) Find $\cos \theta$, if $\sin \theta = \frac{12}{37}$.

2) Find $\operatorname{cosec} \theta$, if $\cos \theta = \frac{4}{5}$.

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

$$\operatorname{cosec} \theta = \frac{5}{3}$$

PREVIEW

3) Find $\cot \theta$, if

if $\operatorname{cosec} \theta = \frac{29}{21}$.

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$$\cot \theta =$$

$$\theta = \frac{21}{20}$$

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5) Find $\sec \theta$, if

if $\tan \theta = \frac{\sqrt{3}}{\sqrt{5}}$.

$$\sec \theta = \frac{89}{39}$$

$$\sin \theta = \frac{\sqrt{6}}{4}$$

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