

Name : _____

Trigonometric Ratios

Sheet 2

1) Find $\tan \theta$, if $\sec \theta = \frac{41}{40}$.

2) Find $\sec \theta$, if $\sin \theta = \frac{\sqrt{2}}{\sqrt{5}}$.

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

if $\cos \theta = \frac{33}{65}$.

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5) Find $\cos \theta$, if

if $\operatorname{cosec} \theta = \frac{53}{45}$.

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Trigonometric Ratios

1) Find $\tan \theta$, if $\sec \theta = \frac{41}{40}$.

2) Find $\sec \theta$, if $\sin \theta = \frac{\sqrt{2}}{5}$.

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

$$\sec \theta = \frac{\sqrt{15}}{3}$$

PREVIEW

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

if $\cos \theta = \frac{33}{65}$.

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$$\operatorname{cosec} \theta =$$

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$$\theta = \frac{56}{65}$$

5) Find $\cos \theta$, if

if $\operatorname{cosec} \theta = \frac{53}{45}$.

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$$\cos \theta = \frac{\sqrt{14}}{4}$$

$$\cot \theta = \frac{28}{45}$$