

Name : _____

Six Trigonometric Ratios

Use the given point on the terminal side of an angle θ in standard position to find the exact values of six trigonometric ratios.

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

1) $(-8, 15)$ $\cos \theta =$ _____ $\sec \theta =$ _____

$\tan \theta =$ _____ $\cot \theta =$ _____

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2) $(2, 1)$

3) $(12, -9)$

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

4) $(-14, -48)$ $\cos \theta =$ _____ $\sec \theta =$ _____

$\tan \theta =$ _____ $\cot \theta =$ _____