

Where is θ ?

Name: _____

Date: _____

Directions: State which quadrant θ is in, based on the given information.

- 1) If $\cos \theta > 0$ and $\sin \theta > 0$, where is θ ?
- 2) If $\cos \theta > 0$ and $\sin \theta < 0$, where is θ ?
- 3) If $\cos \theta < 0$ and $\cot \theta > 0$, where is θ ?
- 4) If $\sin \theta < 0$ and $\cot \theta > 0$, where is θ ?
- 5) If $\sec \theta < 0$ and $\tan \theta > 0$, where is θ ?
- 6) If $\cos \theta < 0$ and $\csc \theta > 0$, where is θ ?
- 7) If $\csc \theta > 0$ and $\cos \theta > 0$, where is θ ?
- 8) If $\cot \theta < 0$ and $\cos \theta > 0$, where is θ ?
- 9) If $\csc \theta < 0$ and $\sec \theta > 0$, where is θ ?
- 10) If $\sec \theta < 0$ and $\csc \theta > 0$, where is θ ?
- 11) If $\cot \theta > 0$ and $\sin \theta > 0$, where is θ ?
- 12) If $\csc \theta > 0$ and $\tan \theta < 0$, where is θ ?
- 13) If $\cot \theta < 0$ and $\csc \theta < 0$, where is θ ?
- 14) If $\sin \theta > 0$ and $\sec \theta < 0$, where is θ ?
- 15) If $\cot \theta < 0$ and $\sin \theta < 0$, where is θ ?
- 16) If $\tan \theta > 0$ and $\sin \theta < 0$, where is θ ?