

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 ?

1

2) If $\cos \theta > 0$ and $\sin \theta < 0$, where is θ ?

4

3) If $\cos \theta < 0$ and $\cot \theta > 0$, where is θ ?

3

4) If $\sin \theta < 0$ and $\cot \theta > 0$, where is θ ?

3

5) If $\sec \theta < 0$ and $\tan \theta > 0$, where is θ ?

3

6) If $\cos \theta < 0$ and $\csc \theta > 0$, where is θ ?

2

7) If $\csc \theta > 0$ and $\cos \theta > 0$, where is θ ?

1

8) If $\cot \theta < 0$ and $\cos \theta > 0$, where is θ ?

4

9) If $\csc \theta < 0$ and $\sec \theta > 0$, where is θ ?

4

10) If $\sec \theta < 0$ and $\csc \theta > 0$, where is θ ?

2

11) If $\cot \theta > 0$ and $\sin \theta > 0$, where is θ ?

1

12) If $\csc \theta > 0$ and $\tan \theta < 0$, where is θ ?

2

13) If $\cot \theta < 0$ and $\csc \theta < 0$, where is θ ?

4

14) If $\sin \theta > 0$ and $\sec \theta < 0$, where is θ ?

2

15) If $\cot \theta < 0$ and $\sin \theta < 0$, where is θ ?

4

16) If $\tan \theta > 0$ and $\sin \theta < 0$, where is θ ?

3