

Name the quadrant in which θ lies.

- 1) $\sin\theta < 0$ and $\cos\theta < 0$
- 2) $\sin\theta > 0$ and $\cos\theta > 0$
- 3) $\sin\theta > 0$ and $\tan\theta < 0$
- 4) $\sec\theta > 0$ and $\cot\theta < 0$
- 5) $\cot\theta > 0$ and $\cos\theta > 0$
- 6) $\tan\theta > 0$ and $\csc\theta < 0$

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