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Math 1060 4.4.29

in $[0^\circ, 360^\circ)$, SOLVE

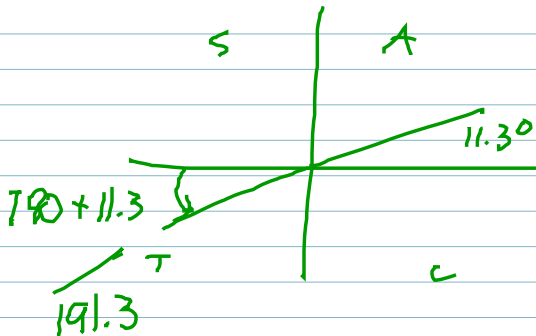
$$\frac{5 \sin \theta}{\cos \theta} = \frac{100}{100}$$

$$5 \tan \theta = 1$$

$$\tan \theta = \frac{1}{5}$$

$$\theta = \tan^{-1}\left(\frac{1}{5}\right) \approx 11.3^\circ$$

DEG-MODE



$$\theta = 11.3^\circ, 191.3^\circ$$

Math 1060

4.4.29

in $[0^\circ, 360^\circ)$, SOLVE

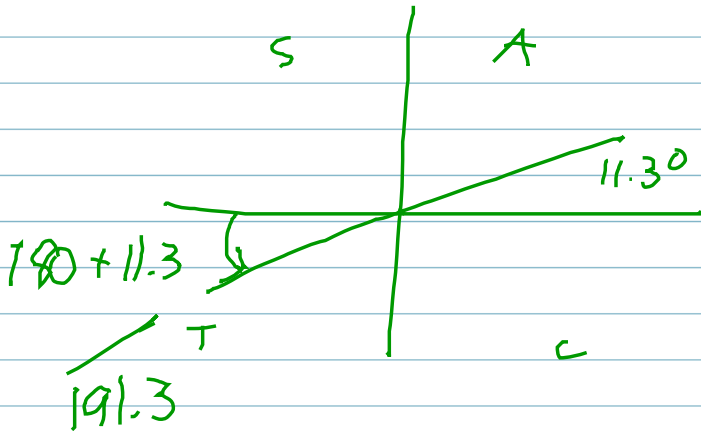
$$\frac{5 \sin \theta}{\cos \theta} = \frac{1 \cos \theta}{\cos \theta}$$

$$5 \tan \theta = 1$$

$$\tan \theta = \frac{1}{5}$$

$$\theta = \tan^{-1}\left(\frac{1}{5}\right) \approx 11.3^\circ$$

DEG MODE



$$\theta = 11.3^\circ, 191.3^\circ$$