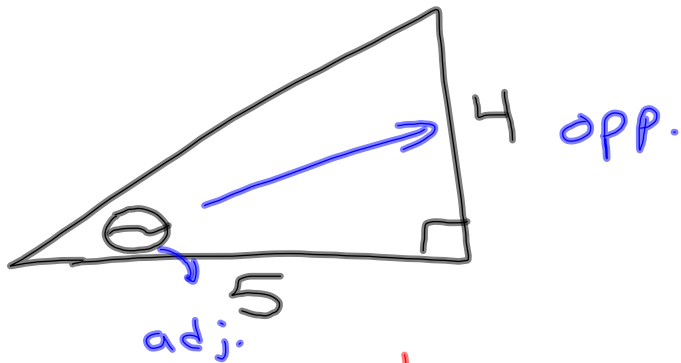


3-10-14



$$\tan^{-1} \tan \theta = \tan^{-1} \frac{4}{5}$$

$$\theta \approx 38.7^\circ$$

$$\textcircled{1} \quad \cancel{\cos^{-1} \cos} \quad \textcircled{2} = \cos^{-1} \frac{2}{3}$$

$$\theta \approx 48.2^\circ$$

$$\textcircled{2} \quad \cancel{\sin^{-1} \sin} \quad \textcircled{1} = \sin^{-1} \frac{1}{10}$$

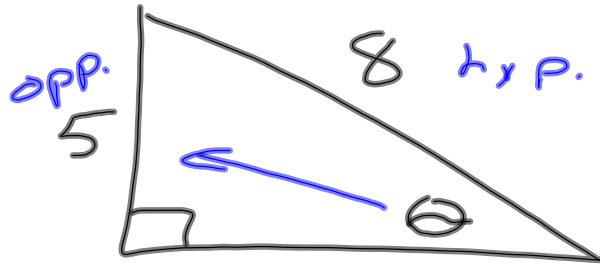
$$\theta \approx 5.7^\circ$$

$$\textcircled{3} \quad \tan^{-1} \tan \theta = \tan^{-1} \frac{18}{25}$$

$$\theta = \tan^{-1} \left( \frac{18}{25} \right)$$

$$\theta \approx 35.7^\circ$$

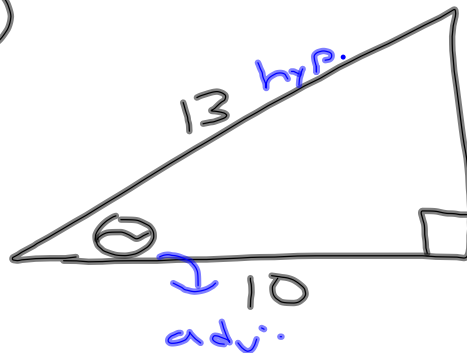
①



$$\cancel{\sin^{-1}} \sin \theta = \sin^{-1} \frac{5}{8}$$

$$\theta \approx 38.7^\circ$$

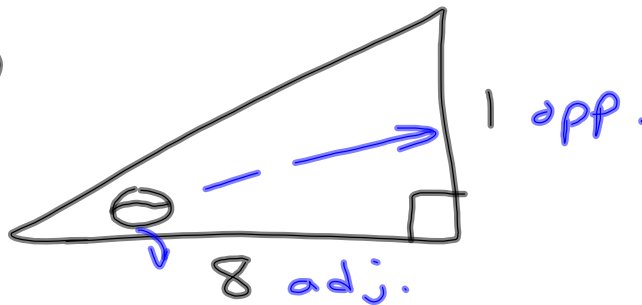
②



$$\cancel{\cos^{-1}} \cos \theta = \cos^{-1} \frac{10}{13}$$

$$\theta \approx 39.8^\circ$$

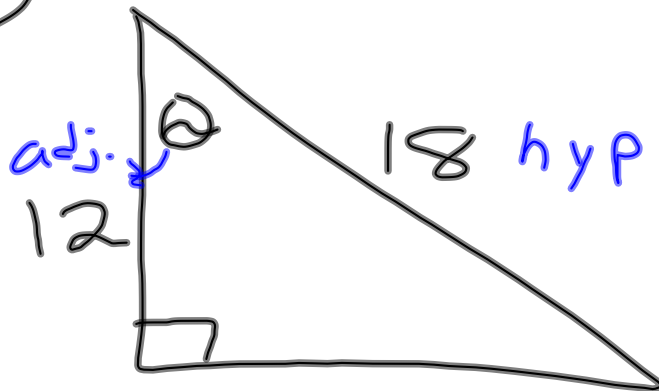
③



$$\cancel{\tan^{-1}} \tan \theta = \tan^{-1} \frac{1}{8}$$

$$\theta \approx 7.1^\circ$$

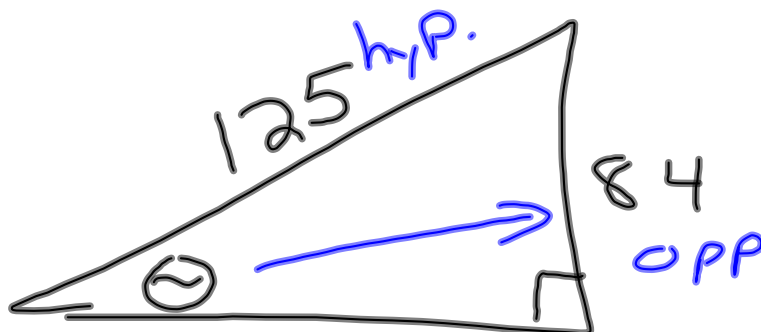
④



$$\cos^{-1} \cos \theta = \frac{\cos^{-1} 12}{18}$$

$$\theta \approx 48.2^\circ$$

⑤



$$\sin^{-1} \sin \theta = \frac{\sin^{-1} 84}{125}$$

$$\theta \approx 42.2^\circ$$