

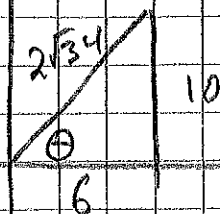
(2)

$$10^2 + 6^2 = c^2$$

$$\sqrt{136} = c$$

$$\sqrt{4 \cdot 34} = c$$

$$2\sqrt{34} = c$$



$$\sin \theta = \frac{10}{2\sqrt{34}} = \frac{5}{\sqrt{34}} = \frac{5\sqrt{34}}{34}$$

$$\csc \theta = \frac{\sqrt{34}}{5}$$

$$\cos \theta = \frac{6}{2\sqrt{34}} = \frac{3}{\sqrt{34}} = \frac{3\sqrt{34}}{34}$$

$$\sec \theta = \frac{\sqrt{34}}{3}$$

$$\tan \theta = \frac{10}{6} = \frac{5}{3}$$

$$\cot \theta = \frac{6}{10} = \frac{3}{5}$$

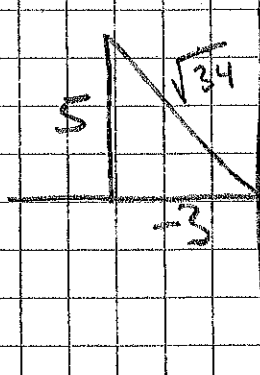
(3)

$$(-3)^2 + (5)^2 = c^2$$

$$9 + 25 = c^2$$

$$34 = c^2$$

$$\sqrt{34} = c$$



$$\sin \theta = \frac{5}{\sqrt{34}} = \frac{5\sqrt{34}}{34}$$

$$\csc \theta = \frac{\sqrt{34}}{5}$$

$$\cos \theta = \frac{-3}{\sqrt{34}} = \frac{-3\sqrt{34}}{34}$$

$$\sec \theta = -\frac{\sqrt{34}}{3}$$

$$\tan \theta = \frac{5}{-3}$$

$$\cot \theta = -\frac{3}{5}$$