

Unit 3 Day 2 HW(1)

Let P be a point on the terminal side of θ . Find the 6 trig functions for the angle.

1. a) $P(-8,6)$

b) $P(7,-24)$

c) $P(-2,-2)$

d) $P(-1,\sqrt{3})$

2. a) $P(3,4)$

b) $P(15,8)$

c) $P(5,2)$

d) $P(1,7)$

e) $P(1,1)$

e) $P(\sqrt{2},\sqrt{7})$

3. If θ is an angle in standard position and $P(-5, 13)$ is a point on the terminal side of θ , what is the value of $\sec \theta$ and $\cot \theta$?

4. If the terminal side of θ passes through point $(-5, -2)$, what is the value $\cos \theta$ and $\sin \theta$?