

NO CALCULATORS OR ANY OTHER ELECTRONIC DEVICES!

1. Suppose $\theta = \frac{11\pi}{6}$

(a) (1 point) Draw the angle θ

(b) (1 point) What is the measure of the reference angle, θ' ?

(b) _____

(c) (1 point) What is the value of $\sin(\theta)$?

(c) _____

(d) (1 point) What is the value of $\cos(\theta)$?

(d) _____

(e) (1 point) What is the value of $\csc(\theta)$?

(e) _____

(f) (1 point) What is the value of $\tan(\theta)$?

(f) _____

2. Suppose $t = \frac{11\pi}{4}$

(a) (1 point) Draw the angle t

(b) (1 point) What is the measure of the reference angle, t' ?

(b) _____

(c) (1 point) What is the value of $\sin(t)$?

(c) _____

(d) (1 point) What is the value of $\cos(t)$?

(d) _____

3. Suppose $t = \frac{-11\pi}{2}$

(a) (1 point) Draw the angle t

(b) (1 point) What is the value of $\sin(t)$?

(b) _____

(c) (1 point) What is the value of $\cos(t)$?

(c) _____