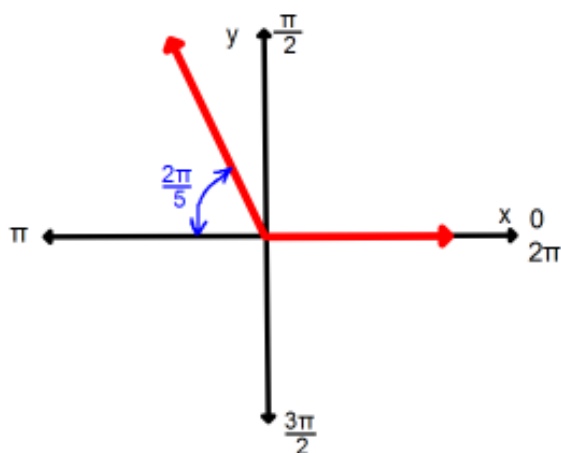1. State in which Quadrant the terminal of each angle in Standard Position is located.

a) $\theta = -430°$

b) $\theta = \dfrac{18\pi}{29}$

2. Give both a positive and negative measure of this angle which is in Standard Position. Give your answer in radians as a fraction in reduced form in terms of π.

Pos: Neg:

3. Find a coterminal angle, in radians, whose measure is from 0 to 2π. $\theta = \dfrac{-19\pi}{4}$

Give your answer as a fraction in reduced form in terms of π.

Coterminal $\angle$:

1

For the remaining problems use the Unit Circle to find the EXACT value of each. Simplify fractions and Rationalize Denominators as needed.

4. $\cos(-765°) =$

5. $\tan \dfrac{17\pi}{6} =$

6. $\sin \dfrac{-14\pi}{3} =$

6. $\tan(-540°) =$