

Objective 8.2A Worksheet #2

Given the following angles, do the following:

- a) Find the coterminal angle θ that is between 0° and 360° or 0 and 2π
- b) Find the reference angle α

****Draw a picture and show all work on separate paper****

1) 400° 2) -280° 3) 940° 4) 1059° 5) -624° 6) -989°

7) 327° 8) 148° 9) 563° 10) -420° 11) -197° 12) 1045°

13) $\frac{6\pi}{3}$ 14) $\frac{9\pi}{2}$ 15) $\frac{11\pi}{3}$ 16) $\frac{-\pi}{3}$ 17) $\frac{36\pi}{13}$ 18) $\frac{8\pi}{3}$

19) $\frac{3\pi}{8}$ 20) $\frac{9\pi}{4}$