Worksheet – Coterminal, Reference, and Special Angles

Find two angles (one in a clockwise direction and the other in a counterclockwise direction, from the given angle) that are coterminal to the following:

1. 330⁰   _____, _____   2. -75⁰   _____, _____

3. 450⁰   _____, _____   4. 35⁰   _____, _____

Find two related angles for each of the following.

5. 40⁰   _____, _____   6. 330⁰   _____, _____

Draw each angle, θ, in standard position. Find the reference angle, α. Label θ and α.

7. θ = 210˚   8. θ = 120˚

9. θ = 135⁰   10. θ = -150⁰