9-1 Degree Measures and Radians

_____ $\boxed{1.}$ What is 30° in radians?

_____ $\boxed{2.}$ What is $\frac{\pi}{2}$ in degrees?

_____ 3. What is 150° in radians?

_____ 4. What is $\frac{\pi}{5}$ in degrees?

_____ 5. What is $\frac{5\pi}{18}$ in degrees?

9-2 A Coterminal Angles

_____ $\boxed{1.}$ In which quadrant is $-\frac{\pi}{3}$?

_____ $\boxed{2.}$ Give a positive coterminal angle for 440° that is between 0° and 360°.

_____ 3. Give a positive coterminal angle for $\frac{5\pi}{18}$ that is between 0 and 2π.

_____ 4. Give a negative coterminal angle for 100° that is between 0° and -360°.

_____ 5. Give a positive coterminal angle for $\frac{\pi}{5}$ that is between 0 and 2π.

9-2 B Reference Angles

Give the reference angle for the following angles.

_____ $\boxed{1.}$ $\frac{5\pi}{4}$

_____ 2 $\frac{\pi}{3}$

_____ 3. 201°

_____ 4. $\frac{5\pi}{6}$

_____ 5. $-\frac{5\pi}{4}$