

# Homework

p. 878: 4-10 (evens), 21, 23

**EVALUATING EXPRESSIONS** Evaluate the expression without using a calculator. Give your answer in both radians and degrees.

4.  $\tan^{-1}(-1)$     6.  $\cos^{-1}(-2)$     8.  $\sin^{-1}\frac{1}{2}$     10.  $\cos^{-1}\left(-\frac{1}{2}\right)$

**SOLVING EQUATIONS** Solve the equation for  $\theta$ .

21.  $\sin \theta = -0.45; 180^\circ < \theta < 270^\circ$

23.  $\tan \theta = 3.2; 180^\circ < \theta < 270^\circ$