Convert from degrees to radians. Use the value of π found on a calculator and round answers to four decimal places, as needed.

13) $75° 18'$

Suppose that θ is in standard position and the given point is on the terminal side of θ. Give the exact value of the indicated trig function for θ.

14) $(-1, 2)$; find $\cos \theta$.

15) $(-8, 2)$; find $\tan \theta$.

Solve the equation.

16) Solve $\tan \theta = \sqrt{3}$ for θ, where $0° \le \theta \le 90°$.

Find the measures of two angles, one positive and one negative, that are coterminal with the given angle.

17) $215°$

18) $-170°$

Evaluate without using a calculator.

19) $\sec \beta$, if $\sin \beta = -\frac{3}{10}$ and $\tan \theta > 0$

20) $\tan \alpha$, if $\sec \alpha = \frac{5}{2}$ and $\csc \theta < 0$

Convert the radian measure to degree measure.

21) $\frac{5\pi}{4}$