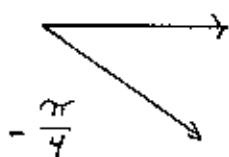Which of the following graphs represents the angle in standard position?

$\theta = -\frac{\pi}{4}$

(B) $3\frac{\pi}{4}$

$-7\frac{\pi}{4}$

(A)

(C)
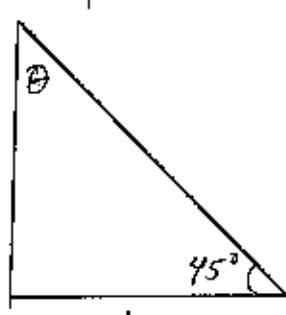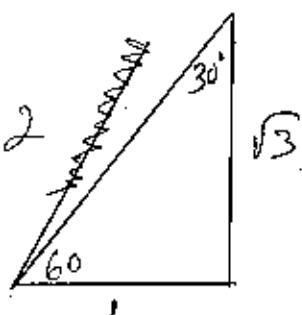
$-\frac{\pi}{4}$

$13\frac{\pi}{4}$

(D)

Given the following triangle, evaluate

(A) $\frac{\sqrt{3}}{2}$

(B) $\sqrt{3}$

(C) 1

(D) -1

2 $30°$ $\sqrt{3}$

$60°$

1

θ

1

$45°$

1

(A) $\sqrt{3}$

(B) $\sqrt{2}$

(C) -1

(D) 1

Given $\sin\theta = \frac{3}{5}$ & $\cos\theta = \frac{4}{5}$, find $\tan\theta$
(1)

(2) $\sin\theta = \frac{3}{5}$ & $\cos\theta = \frac{4}{5}$, find $\sec\theta$

Simplify $\sin^2\frac{\pi}{10} + \cos^2\frac{\pi}{10}$

Which of the following expressions represents the same value as sin 19 degrees.

(a) $\cos 19°$

(b) $\tan 19°$

(c) $\cos 71°$

(d) $\csc 71°$