

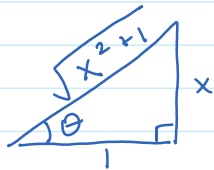
- (9) -45° or $-\frac{\pi}{4}$ (10) -60° or $-\frac{\pi}{3}$ (11) 90° or $\frac{\pi}{2}$ (12) 90° or $\frac{\pi}{2}$
 (14) 42.07° (17) 1.17 rad (18) 1.53 rad (28) $-\frac{\sqrt{2}}{2}$ (29) 30° or $\frac{\pi}{6}$
 (30) 0° or 0 rad (31) $\frac{1}{2}$ (32) -45° or $-\frac{\pi}{4}$ (57) false (58) true (59) e
 (60) c (61) c (62) e

SOLUTIONS

(9) $\sin^{-1}\left(-\frac{\sqrt{2}}{2}\right) = -45^\circ$ (28) $\sin\left(-\frac{\pi}{4}\right) = -\frac{\sqrt{2}}{2}$ (29) $\sin^{-1}\left(\frac{1}{2}\right) = 30^\circ$

(30) $\arccos(1) = 0$ (31) $\cos(60^\circ) = \frac{1}{2}$ (32) $\tan^{-1}(-1) = -45^\circ$

(61)



$$x^2 + 1 = h^2$$

$$h = \sqrt{x^2 + 1}$$

$$\sec\theta = \sqrt{x^2 + 1}$$