UNIT 6 WORKSHEET 1
INTRO TO TRIGONOMETRY

Give a graphical representation of each of the following angles.

A) 130° **B)** 45° **C)** −30°

D) −172° **E)** 200° **F)** −300°

Determine the quadrant in which the terminal side of each of the following angles resides.

A) 172° **B)** −315° **C)** 718°

D) 415° **E)** −63° **F)** 135°

G) −700° **H)** 1020° **I)** −284°

Conversions

Convert each of the following to Radians.

A) 120° **B)** 210° **C)** −60° **D)** 420°

E) −110° **F)** 330° **G)** −45° **H)** 150°

I) 300° **J)** −135° **K)** 450° **L)** −210°

Convert each of the following from Radians to Degrees.

A) $\frac{\pi}{6}$ **B)** $\frac{5\pi}{3}$ **C)** $-\frac{\pi}{2}$ **D)** $\frac{3\pi}{4}$

E) $-\frac{\pi}{4}$ **F)** $-\frac{5\pi}{6}$ **G)** $\frac{7\pi}{6}$ **H)** $-\frac{\pi}{6}$

I) 2.3 **J)** $\frac{11\pi}{6}$ **K)** -1.28 **L)** $-\frac{2\pi}{3}$

Determine the quadrant in which the terminal side of following angles resides.

A) $\frac{\pi}{6}$ **B)** $\frac{5\pi}{3}$ **C)** $-\frac{\pi}{2}$ **D)** $\frac{3\pi}{4}$

E) $-\frac{\pi}{4}$ **F)** $-\frac{5\pi}{6}$ **G)** $\frac{7\pi}{6}$ **H)** $-\frac{\pi}{6}$

I) 2.3 **J)** $\frac{11\pi}{6}$ **K)** -1.28 **L)** $-\frac{2\pi}{3}$