Using the Calculator to Draw Triangles

Radians to Degrees

Find the given value using your calculator and then draw the triangle that represents the situation

1. $\sin(32^\circ) =$

2. $\tan(132^\circ) =$

3. $\cos(232^\circ) =$

4. $\tan(332^\circ)$

Find the given value using your calculator and then draw the triangle that represents the situation

1. $\sin\frac{\pi}{5} =$

2. $\cos\frac{13\pi}{18} =$

3. $\cos\frac{9\pi}{5} =$

4. $\sin\frac{11\pi}{9}$

Find the given value using your calculator and then draw the triangle that represents the situation

1. $\cos(39^\circ) =$

2. $\sin(239^\circ) =$

3. $\tan(352^\circ) =$

4. $\sin\left(\frac{3\pi}{4}\right) =$

5. $\cos\left(\frac{5\pi}{3}\right) =$

Find the given value using your calculator and then draw the triangle that represents the situation

1. $\sec(64^\circ) =$

2. $\csc(164^\circ) =$

3. $\sec(264^\circ) =$

4. $\cot(254^\circ) =$

Find the given value using your calculator and then draw the triangle that represents the situation

1. $\sec\left(\frac{5\pi}{7}\right) =$

2. $\cot\left(\frac{3\pi}{8}\right) =$

3. $\sec\left(\frac{\pi}{8}\right) =$

4. $\csc\left(\frac{3\pi}{5}\right) =$

Find the given value in degrees using your calculator and then draw the triangle that represents the situation

1. $\arcsin(.567) =$

2. $\arccos(.912) =$

3. $\arcsin(-.235) =$

4. $\arccos(-.375) =$

5. $\arctan(.658) =$

6. $\arctan(-1.423) =$

Find the given value in radians using your calculator and then draw the triangle that represents the situation

1. $\arcsin(.567) =$

2. $\arccos(.912) =$

3. $\arcsin(-.235) =$

4. $\arccos(-.375) =$

5. $\arctan(.658) =$

6. $\arctan(-1.423) =$