

Math 145
Loizeaux

Trig/Unit Circle Worksheet

Complete the following chart. Use **exact** values only.

| Degrees | Radians | Ref Angle | sin | cos | tan | csc | sec | cot |
|---------|------------------|-----------|-----|-----|-----|-----|-----|-----|
| | 0 | | | | | | | |
| 30 | | | | | | | | |
| 45 | | | | | | | | |
| | $\frac{\pi}{3}$ | | | | | | | |
| | $\frac{\pi}{2}$ | | | | | | | |
| 120 | | | | | | | | |
| 135 | $\frac{3\pi}{4}$ | | | | | | | |
| 150 | | | | | | | | |
| 180 | | | | | | | | |
| | $\frac{7\pi}{6}$ | | | | | | | |
| 225 | | | | | | | | |
| 240 | | | | | | | | |
| 270 | | | | | | | | |
| 300 | | | | | | | | |
| | $\frac{7\pi}{4}$ | | | | | | | |
| 330 | | | | | | | | |
| | 2π | | | | | | | |