Lesson 3 Quiz

Find the point \((x, y)\) on the unit circle that corresponds to the angle \(\theta\)

1. \(\theta = \frac{3\pi}{4}\)
2. \(\theta = \frac{3\pi}{2}\)
3. \(\theta = 135^\circ\)

Evaluate the following trig functions using reference angles or the unit circle.

4. \(\sin\left(\frac{4\pi}{3}\right) = \)
5. \(\csc(210^\circ) = \)

6. \(\tan\left(\frac{11\pi}{4}\right) = \)
7. \(\cot(300^\circ) = \)

8. Find the reference angle of \(\theta = \frac{5\pi}{3}\) and find all 6 trig functions.

9. Find the corresponding point on the unit circle for \(\theta = \frac{5\pi}{6}\) and find all 6 trig functions.