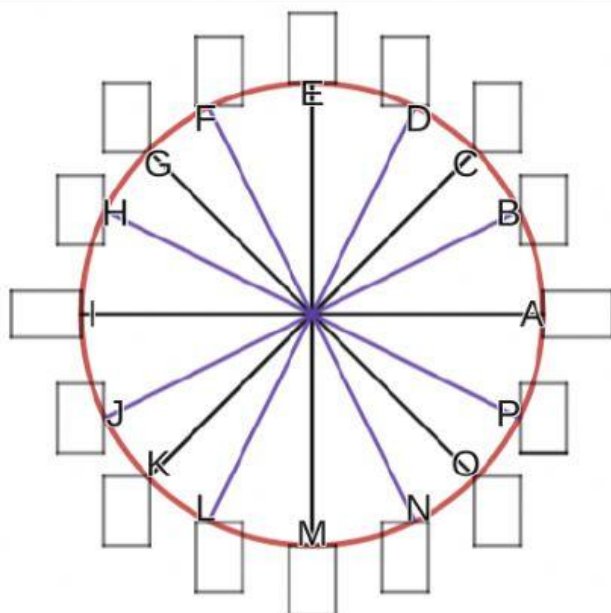


## The Unit Circle

Complete the unit circle by filling in the special angles in radians AND state the coordinates of their terminal points in the chart to the right.



|                |                |
|----------------|----------------|
| A(     ,     ) | I(     ,     ) |
| B(     ,     ) | J(     ,     ) |
| C(     ,     ) | K(     ,     ) |
| D(     ,     ) | L(     ,     ) |
| E(     ,     ) | M(     ,     ) |
| F(     ,     ) | N(     ,     ) |
| G(     ,     ) | O(     ,     ) |
| H(     ,     ) | P(     ,     ) |

Drag and drop the following choices to their corresponding locations:

|                       |                       |                       |                  |                  |                      |                      |                      |                 |                 |                   |                 |        |                  |                  |                  |
|-----------------------|-----------------------|-----------------------|------------------|------------------|----------------------|----------------------|----------------------|-----------------|-----------------|-------------------|-----------------|--------|------------------|------------------|------------------|
| $\frac{\pi}{2}$       | $\frac{5\pi}{6}$      | $\pi$                 | $\frac{5\pi}{4}$ | $\frac{3\pi}{4}$ | $\frac{4\pi}{3}$     | $\frac{3\pi}{2}$     | $\frac{5\pi}{3}$     | $\frac{\pi}{4}$ | $\frac{\pi}{6}$ | $\frac{11\pi}{6}$ | $\frac{\pi}{3}$ | $2\pi$ | $\frac{2\pi}{3}$ | $\frac{7\pi}{6}$ | $\frac{7\pi}{4}$ |
| -1                    | $\frac{-\sqrt{3}}{2}$ | $\frac{-\sqrt{2}}{2}$ | $\frac{-1}{2}$   | 0                | $\frac{1}{2}$        | $\frac{\sqrt{2}}{2}$ | $\frac{\sqrt{3}}{2}$ | 1               |                 |                   |                 |        |                  |                  |                  |
| -1                    | $\frac{-\sqrt{3}}{2}$ | $\frac{-\sqrt{2}}{2}$ | $\frac{-1}{2}$   | 0                | $\frac{1}{2}$        | $\frac{\sqrt{2}}{2}$ | $\frac{\sqrt{3}}{2}$ | 1               |                 |                   |                 |        |                  |                  |                  |
| $\frac{-\sqrt{3}}{2}$ | $\frac{-\sqrt{2}}{2}$ | $\frac{-1}{2}$        | 0                | $\frac{1}{2}$    | $\frac{\sqrt{2}}{2}$ | $\frac{\sqrt{3}}{2}$ |                      |                 |                 |                   |                 |        |                  |                  |                  |
| $\frac{-\sqrt{3}}{2}$ | $\frac{-\sqrt{2}}{2}$ | $\frac{-1}{2}$        | 0                | $\frac{1}{2}$    | $\frac{\sqrt{2}}{2}$ | $\frac{\sqrt{3}}{2}$ |                      |                 |                 |                   |                 |        |                  |                  |                  |

