Name: _____

1. Find the domain of the function $f(x) = \sqrt{\dfrac{-1}{x}}$.

2. $\sec\left(\dfrac{4\pi}{3}\right) =$

3. Find all solutions of the equation $\sin(x) + \cos(x) = 0$ that are in the interval $[0, 2\pi]$.

Name: _____

1. Find the domain of the function $f(x) = \sqrt{\dfrac{1}{x^3}}$.

2. $\sec\left(\dfrac{7\pi}{4}\right) =$

3. Find all solutions of the equation $\sin(x) - \cos(x) = 0$ that are in the interval $[0, 2\pi]$.