

Trigonometric Functions and Their Graphs - Worksheet

NAME:

DATE:

1. Find the exact value of the sine, cosine, and tangent of the number, without using a calculator.

(a). $\frac{-7\pi}{3}$

(b). $\frac{3\pi}{2}$

2. List the transformations needed to change the graph of $f(t) = \cos t$ into the graph of $g(t) = \cos t - 2$.

3. Sketch a complete graph of the function $f(t) = 3 \sin(3t - \pi)$.

