Mathematics Assessment Program
College and Career Readiness Mathematics
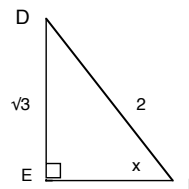
Short Tasks: Trigonometric Functions 1

1. If sin A = 3/5, and cos A < 0, find tan A.

2. In triangle DEF, DE = √3 and DF = 2.

    What is the value of tan x?

3. Use the Pythagorean identity $\sin^2(x) + \cos^2(x) = 1$ to find the value of $\cos(x)$ if $\sin^2(x) + 2\cos(x) - 2 = 0$