

4. Sketch the graph of $g(x) = 3 \tan\left(\frac{\pi}{10}x - \frac{\pi}{5}\right) - 3$ by transforming the function $f(x) = \tan(x)$.

HOMEWORKS

17.1, 17.2, 17.3, 17.7, 17.8,

17.3 #s 1, 7, 11-13, 19, 21

17.4 #s 3, 5, 7, 8, 12, 14, 27

17.5 #s 1, 3, 7, 13, 17, 19, 21, 22, 25, 35

17.6 #s 1, 3, 5, 13-18, 23, 29, 33, 39, 47

17.7 #s 7, 9, 14, 17, 24, 35, 41

17.8 #s 1, 5, 7, 13, 17

17.9 #s 1, 5, 7, 8, 11, 13, 19, 20

17.1 #s 4, 5, 11-18, 19, 23, 24, 28

17.2 #s 5, 11, 15, 23, 27, 32, 37, 44

5. Evaluate the following:

a. $\cos(\arctan(x))$

b. $\csc(\arccos(x))$