Pre-Calc/Trig Quiz 4

Level 2

Identify the max/min, zeros and describe end behavior.

Level 3

Find the Zeros.

Level 4

6.) The path of a diver jumping into a pool is given by the following equation:

, where h is the height (in feet) and d is the distance (in feet) from the diving board.

--What is the maximum height the diver reaches, and how   
far are they from the board when they reach the max?

--How tall is the diving board?

--How far out into the pool did the diver land?