Name	Period
Physics Motion Quiz 4	
1. A coin is dropped from a hot-air balloon that is 300 10.0 m/s upward. For the coin, find (a) the maximum heig velocity 4.00 s after being released, and (c) the time before	tht reached, (b) its position and

A swimmer bounces straight up from a diving board and falls feet first into a pool. She

starts with a velocity of 4.00 m/s, and her takeoff point is 1.80 m above the pool. (a) How long are her feet in the air? (b) What is her highest point above the board? (c) What is her velocity

2.

when her feet hit the water?