

[\[Item View \]](#)[\[Print \]](#)**Problem 2.55**

A lead ball is dropped into a lake from a diving board 4.60 m above the water. After entering the water, it sinks to the bottom with a constant velocity equal to the velocity with which it hit the water. The ball reaches the bottom 3.40 s after it is released.

Part A

How deep is the lake?

ANSWER: | *Answer not displayed* m