

AP Physics – Homework Oh the Homework – 4

/25

emaN _____

Per _____



Copyright © 2001 United Feature Syndicate, Inc.

So many centuries after the Creation, it is unlikely that anyone could find hitherto unknown lands of any value. -- Spanish Royal Commission, rejecting Christopher Columbus' exploration proposal

1. A can of tuna is dropped from a building. If the can takes 3.2 seconds to strike the ground, what distance did it fall?
2. An engine falls off of a 737 from a height of 2500 m. Ignoring wind resistance, how fast is the thing traveling when it smacks into the turf?
3. A ball is thrown straight down from a bridge with an initial velocity of 18.5 m/s. If it travels for 2.3 sec, how high is the bridge?

