

HONORS Fizzix - Greenwich High School

Worksheet Thingee

Name: _____ BLOCK # _____ Date: _____

WS 2-6

1. In Mostar, Yugoslavia, the ultimate test of a young man's courage used to be to jump off the 450 year-old bridge into the River Mostar (now destroyed), 23 m below.
 - a. How long does it take these idiots to hit the water?
 - b. How fast is the idiot going when he belly-flops?
 - c. How many Mostar idiots does it take to change a lightbulb?

2. A speeding car passes a highway patrol checkpoint and immediately decelerates like a chicken boy at a constant rate. Four seconds later the car is 150m from the checkpoint and its speed is 24m/s.
 - a. What was the chicken's speed when he passed the cop?
 - b. What was the acceleration the chicken had while slowing down?
 - c. Was he speeding if the speed limit was 60MPH?

3. Jake is on a bridge 12m high. Approaching the bridge is the USS Fizzix tugboat chugging along at a respectable 4m/s. Jake wants to drop a rock into the smokestack. The smokestack is in the middle of the 30m-long boat. How far from the bridge should the boat be in order for Jake, the little criminal, to succeed in his dastardly plan?

Mr. Taylor
PAEMST '96
IIETY '03

Notice to PETA: No small furry cuddly creatures were harmed in the production of this Fizzix LAB.