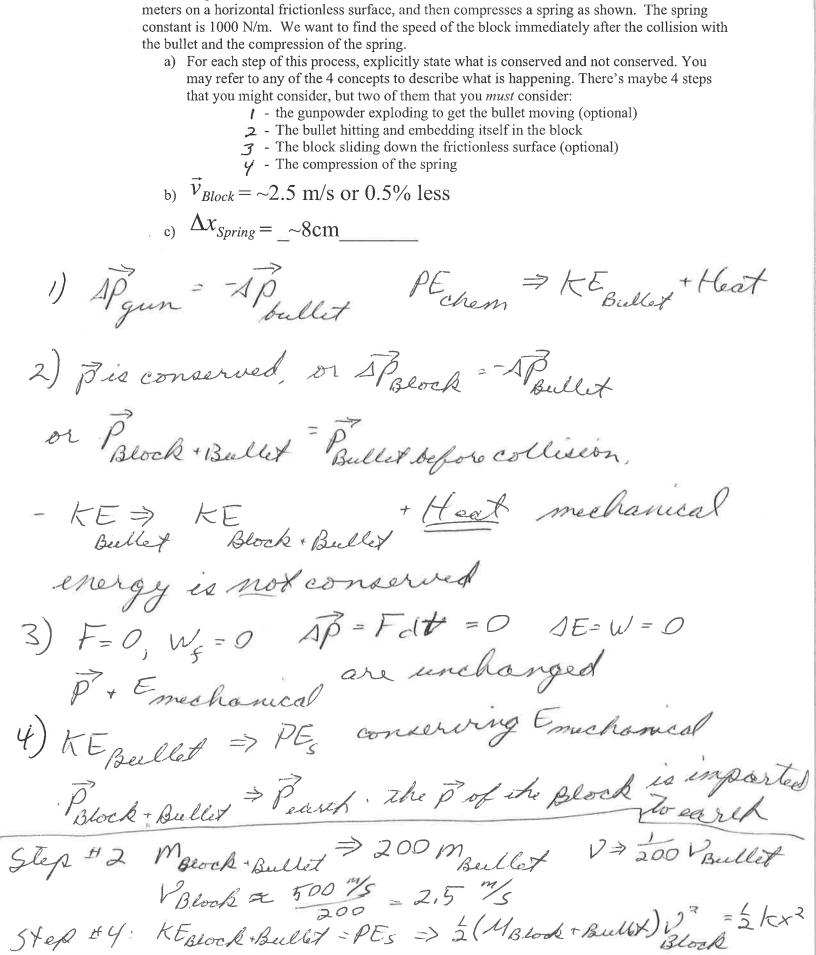
final speed, it spens the majority of the trip at the lowest pt elevation so will have the highest average

- 2. Your Statements:
  - a) Please write and sign the following statement: "I will not communicate any information about this test until after 2:00 PM today."

	Signature		
b)	If you didn't use a calculator for this test and would like extra credit for it, please write and		
	sign the following statement: "I didn't use a calculator on this test - your signature"		

Signature	



3. (10 pts) You fire a 5g bullet into a 1 kg mass which

to have a speed of 500 m/s. The mass slides 2.0

embeds itself into the block. The bullet is well known

$$\frac{1}{2} M_{B+B} V_{B+B}^{2} = \frac{1005 \text{ kg}}{1000 \text{ N}} V_{B+B}$$

$$\frac{1}{2} \frac{1}{31} 2.5 \%$$

$$\frac{1}{2} \frac{1}{31} 2.5 \%$$

$$\frac{1}{2} \frac{1}{31} 2.5 \%$$

$$\frac{1}{2} \frac{1}{31} 2.5 \%$$

