

NAME _____ DATE _____ PERIOD _____

“MONKEY AND THE HUNTER” DEMO

VERTICAL

$$V_i =$$

$$V_f =$$

$$a =$$

$$t =$$

$$d =$$

HORIZONTAL

$$V_i =$$

$$V_f =$$

$$a =$$

$$t =$$

$$d =$$

1. If shooting at a stationary prey, how high must you aim if you are level with it? Show work and 4 part solution.

(over)

2. What happens if the great white hunter is at a different angle? Explain.

3. If the prey sees the hunter and drops off the limb at the same instant that the hunter fires his/her laser sighted, 2004 magnum blowgun, will the hunter be eating tonight or not. Should he aim higher or lower than the

4. Does the angle matter? Explain.