Duiz Stuff:

Stlow work System

Show equation (variables)

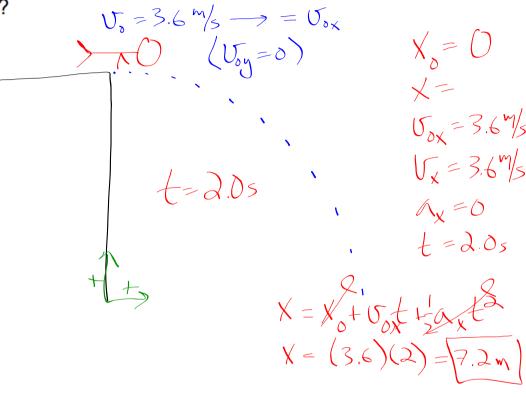
a=42m

- · Direction
- · Don't erase | Scribble out
- · Algebra arithmetic emis: -20% (at most)

HW Review P. 44.notebook October 21, 2017

36. A diver running 3.6 m/s dives out horizontally from the edge of a vertical cliff and reaches the water below 2.0 s later. How high was the cliff and how far from its base did the diver hit the

water?



$$y = 0$$

$$y = 0$$

$$y = -9.8 \text{ m/s}^{2}$$

$$t = 2.0 \text{ s}$$

$$y = 40 + 15 \text{ m/s}^{2}$$

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41. A football is kicked with a speed of 21.0 m/s at an angle of 37° to the horizontal. How much later does it hit the ground? Ignore air resistance.

