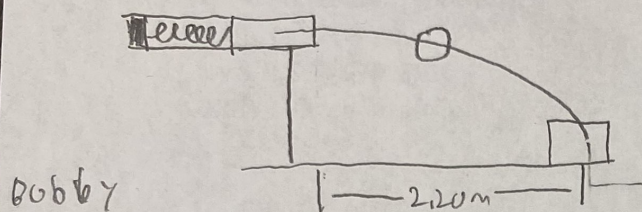


#1.

Jack Elum OSU PHYSICS 1250 Final exam
12-13-22

use $g = 10 \text{ m/s}^2$



Bobby

$$x_B = 1.1 \text{ cm} = \frac{1.1}{100} = 0.011 \text{ m}$$

$$F = -kx$$

but marble falls 27 cm short of box

$$27 \text{ cm} = 0.27 \text{ m}$$

$$2.20 - 0.27 = 1.93$$

Bobby's shot
under at 1.93 m

(?)