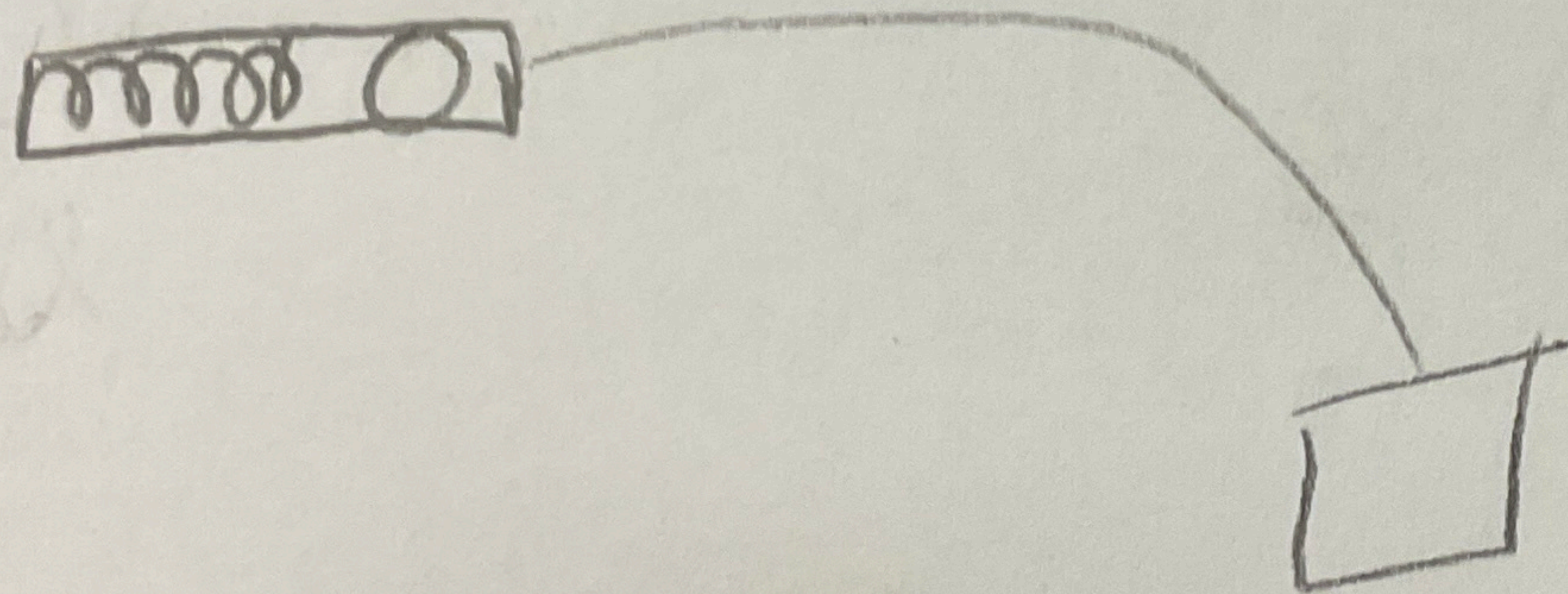
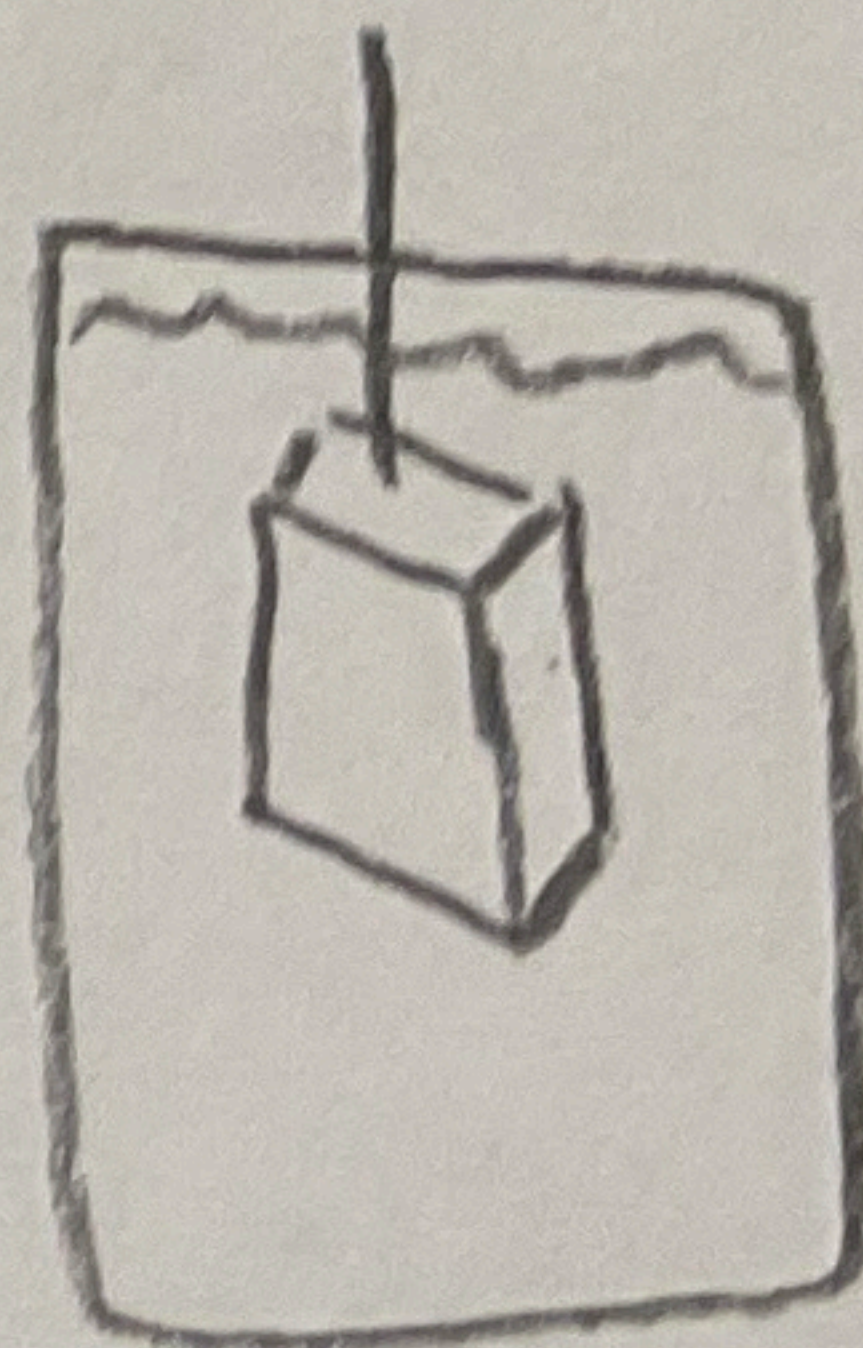


Q9.

$$\frac{1}{2} k x^2 = \frac{1}{2} m v^2 \quad \vec{v} \rightarrow$$

$g \downarrow$

$10 \text{ m/s}^2$



1.1 cm but 27 cm too short

Bring it back

1.7 cm

$R = 0.2 \text{ m}$      $m = 2 \text{ kg}$