

①  $E_{KA} = 0$   
 $U_{6A} = 789.8h$   
 $U_{EA}$

$$\frac{978-88}{789-8} = h$$

$$h = 66 \text{ m}$$

2)  $V = 6.35 \text{ m/s}$   
 $g = 9.81$

$$9.81(h_c - h_B) = 101.45 - 20.76$$

$$h = 10.41 \text{ m}$$

③  $81770.5 = 175093785.85$   
 $\sqrt{U^2} = 591.63$   
 $U_B = 15.39$

$$h_B = 42.6 \text{ m}$$

4)  $m(9.81) h_D (9.81) h_B$   
 $h_B = 993 \text{ m}$

⑤  $U_{FA} = E_{xb} + U_{gb}$   
 $3300x^2 = 324 + 9.805h_b$   
 $3300x^2 - 9.25x - 324 = 0$

$$x = 0.32 \text{ m}$$

⑥  $E_{Kc} = 648 \text{ m}$   
 $U_{6c} = 56.41 \text{ m}$

$$700.82 = \frac{1}{2} v^2$$

a)  $v = 36.91 \text{ m/s}$   
 b) no es multat