EXAMEN

Física

① $V_0^2 + 2ax$

$0 + 2(60m/s)(15m)$

$T = V \cdot d$ $= 60 = 15$

$= 4m$

② $v = 3 \times 10^8$
$d = 1.5 \times 10^8$

$t = v \cdot d$ $= 3 \times 10^8 m/s \cdot 1.5 \times 10^8 m$

$1,5 \times 10^8 - 0 / 3 \times 10^8 = 2$

③ $cA = \dfrac{30\frac{m}{s} - 25\frac{m}{s}}{45s - 0}$

$\dfrac{0-56}{40-85} = -2$

$0,55 \frac{m}{s}$

④ $v = 0\ m/s$

$t = 4\ s$

$g = 9{,}8\ m/s^2$

$v_f = 0\ m/s + (9{,}8\ m/s^2)(4\ s)$

$v_f = 39{,}2$

$1/4 \cdot 9{,}8 (4)^2$

$= 39{,}2$

⑤ $v_f = 0^2 + 2(9{,}8\ m/s)(70\ m)$

$= \sqrt{1372}$

$= 37{,}0$