

Procesos del examen

$v = v_0 + g \cdot t$

2 ————  $\circ$   $\xrightarrow{30 \text{ m/s}}$   $\circ$   $\xrightarrow{v=20}$

$\circ$   $\downarrow 30 \text{ m/s}$

3  $v = 20 \text{ km/h} / \text{h} \cdot 1 \text{ h} = 20 \text{ km}$

$v = 10 \text{ km/h} / \text{h} \cdot 2 \text{ h} = 20 \text{ km}$

4  $v = h + v_0 t - \frac{1}{2} g t^2 = 0, 4 t^2 - 30 t - h = 0$

$t = \frac{1}{-2} [30 \pm \sqrt{30^2 + 4 \cdot 4 \cdot h}]$