

$$\begin{aligned}
yvel &= 10 \frac{m}{s} \\
g &= 10 \frac{m}{s^2} \\
dt &= 10s \\
g &= 10 \frac{m}{s^2} \\
yvel &= 10 \frac{m}{s} \\
h &= (yvel \times dt - \frac{1}{2} \times g \times dt \times dt) \\
h &= -400 \text{ m}
\end{aligned}$$