# DO NOW

**Aaron stands 30 m above Ms. Nigro's hut and releases a cannon ball. How much time does Ms. Nigro have to get out of her hut?**
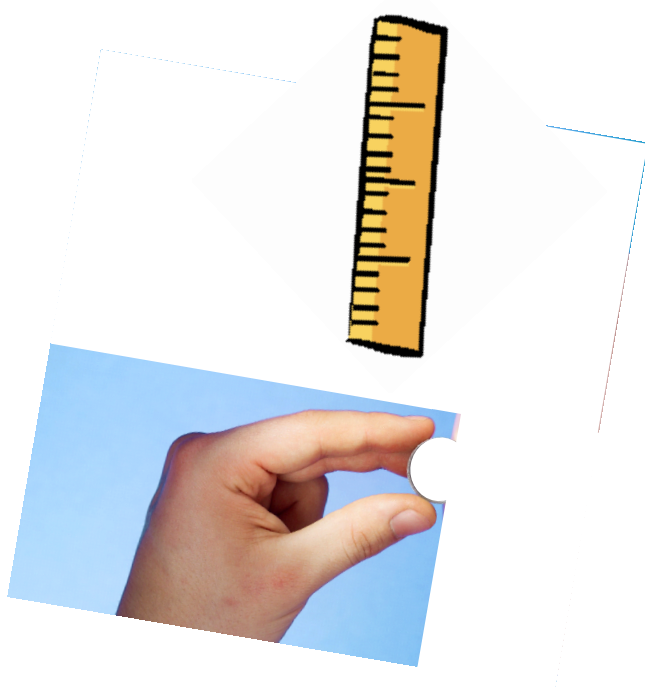
$a = 2 \ m/s^2$

If v and a point in the **same** direction ... v ⬜⬜⬜ ... object moves ⬜

If v and a point in **opposite** directions ... v ⬜⬜⬜ ... object moves ⬜

# Reaction Time

a =

$v_i$ =

d =

t =