

Ex 4) Find the depth of the well in previous problem, given that  $a_y = 9.8 \text{ m/s}^2$  (down) and the rock was thrown straight down.

Eqn: 2.17

Ex 5) A car on ice is sliding backwards to the left at  $5 \text{ m/s}$  while accelerating to the right at  $3 \text{ m/s}^2$ . What is its velocity after 7 seconds?

Eqn: 2.13