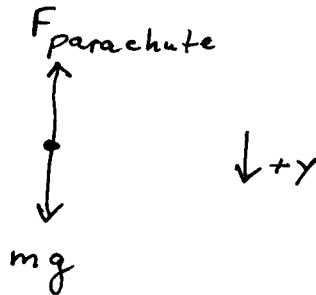


## Exercise 8-5

Forces on parachutist:



$$\Sigma F = ma$$

$$\therefore mg - F_{\text{parachute}} = ma$$

$$\therefore (61.0)(9.80) - 342 = (61.0)a$$

$$\therefore a = +4.19 \text{ m/s}^2$$

$\therefore a$  is  $4.19 \text{ m/s}^2$  downward