2.
$$t = \int_{V(b_0)}^{\infty} \frac{1}{R(v)} dv$$
, $m = 40 \frac{1}{12}$, $V(b) = \frac{20-15}{10}$, $R(v) = -v \cdot \sqrt{v} = -v^{3/2}$
 $n = 5$, $v = 5 - 15$, $f(x) = \frac{1}{R(v)}$

a) Rf (h) = h.
$$\sum_{i=0}^{n-1} f(x_i + \frac{b}{2})$$

$$Rf(h) = h \cdot \sum_{i=0}^{n-1} f(x_i + \frac{h}{2})$$

b)
$$= h \cdot \left(\frac{f(z) + f(b)}{2} + \sum_{i=1}^{n-1} f(x_i) \right)$$

= -3 m/s · $\left(\frac{f(20 \text{ m/s}) + f(5 \text{ m/s})}{2} + \left(f(20) + f(17) + f(14) + f(14) + f(8) \right) \right)$

c)
$$S_{\frac{1}{2}}(h) = \frac{h}{3} \cdot \left(\frac{1}{2} \cdot \frac{h}{4}(2) + \sum_{i=1}^{3} \frac{h}{2}(x_i) + 2 \cdot \sum_{i=1}^{n} \frac{h}{2}(x_i) + 2 \cdot \sum_{i=1}^{n} \frac{h}{2}(x_i) + 2 \cdot \frac{h}{2}(x_i) + \frac{1}{2} \cdot \frac{h}{2}(x_i) + \frac{1}{2$$