

$$4. (a) \quad f(t) = \frac{t}{5.3}$$

$$(b) \quad f(t) = \frac{24}{5.3}$$

$$= \underline{\underline{4.539}}$$

$$(c) \quad \frac{1 + 5.3}{100} \cdot t \times 5.3$$

$$t = \frac{5.3}{100}$$

$$= 0.053$$

$$\underline{\underline{5.3 \text{ hrs}}}$$