(5.2.0)

(Q9) $V(t) = 120(1 - 0.95^t)$

when $t = 0$ when $t \to \infty$

$\quad V(t) = 120(1-1)$ $\lim\limits_{t \to \infty} V(t) = 120(1-0)$

$\qquad = 120(0)$ $\qquad = 120(1)$

$\qquad = 0$ $\qquad = 120$