

$$C = \$750 \quad SV = 50 \quad n = 5$$

$$\Delta NWC = 100$$
$$t = 40\%$$

$$\therefore D_{1 \rightarrow 5} = \frac{750 - 50}{5} = 140/4R$$

$$D_6 = 50$$

$$D_{7+} = 0$$

$$\begin{aligned} & (\Delta S - \Delta C - \Delta D)(1-t) + \Delta D \\ .20 & (380 - 140)(1-.4) + 140 = 284 \\ .40 & (580 - 140)(1-.4) + 140 = 404 \\ .40 & (1080 - 140)(1-.4) + 140 = 704 \end{aligned}$$

$$\bar{CF} = .2(284) + .4(404) + .4(704) = \underline{500} \text{ "cool!"}$$

$$\text{check } .2(380) + .4(580) + .4(1080) = 740$$
$$(740 - 140)(1-.4) + 140 = 500 \quad \checkmark$$

$$\sigma = \sqrt{\left[ (284 - 500)^2 \cdot .2 + (404 - 500)^2 \cdot .4 + (704 - 500)^2 \cdot .4 \right]^{1/2}}$$
$$\sqrt{29,664} = 172.23$$

$$CV = \frac{172.23}{500} = .34 \quad \therefore \alpha = .6$$