

Σ ed. 3, Ex. 7.09 p143

$$1. \quad \sigma(X) = 2 \quad \sigma(Y) = 3$$

$$\rightarrow \text{VAR}(X) = 4 \quad \text{VAR}(Y) = 9$$

$$T = X + Y$$

$$\rightarrow \text{VAR}(T) = 4 + 9$$

$$= 13$$

$$\rightarrow \sigma(T) = \sqrt{13}$$

$$= \underline{\underline{3.606}}$$