$$\frac{(((\ln 3 \times x) + ((5 \times \sqrt{2}) - ((\ln 3 \times 2) + ((3 \times x^2) \times \sqrt{2})))) + (\sqrt{2} \times x^3))}{\sqrt{2}}$$

$$\frac{(((x \times \ln 3) - ((x^2 \times 3) \times \sqrt{2})) + (((x^3 \times \sqrt{2}) - (2 \times \ln 3)) + (\sqrt{2} \times 5)))}{\sqrt{2}}$$

$$\begin{bmatrix} 1 & -3 & \frac{\ln 3}{\sqrt{2}} \\ -2 & -6 & 13 \\ -1 & -4 & 8 \end{bmatrix}$$

$$\begin{bmatrix} 1 & -3 & 3 \\ -2 & -6 & 13 \\ -1 & -4 & 8 \end{bmatrix}$$