

D = value of j^2

$$j^2 = -1$$

e) $z_1 = 5 + 4j$ $z_2 = 1 + 5j$ $z_3 = 2 - 3j$

$z_1 z_2 \overline{z_3}$ ← denotes

$$\begin{aligned} & (5 + 4j) \times (1 + 5j) \times (2 + 3j) \\ & (5 + 25j + 4j + 20j^2) (2 + 3j) \quad j^2 = -1 \\ & (5 + 48j) (2 + 3j) \\ & 10 + 15j + 96j + 144j^2 \quad j^2 = -1 \\ & 10 + 254j \end{aligned}$$

f) $\overline{\overline{x}} = \underline{\underline{\frac{1}{x}}}$ or $\overline{\overline{xe^{-1}}}$