

operaciones básicas

A)

$$\begin{aligned} &(X+1) \times (X-1) \\ &X^2 - 1^2 \\ &X^2 - 1 \end{aligned}$$

B)

$$\begin{aligned} &(X-3)^2 \\ &X^2 - 2X \times -3 + 3^2 \\ &X^2 - 6X + 9 \end{aligned}$$

C)

$$\frac{3 + \frac{1}{X}}{1 + X}$$

$$\begin{aligned} &X=0 \\ &1+X=0 \end{aligned}$$

$$\begin{aligned} &X=0 \\ &X=-1 \end{aligned}$$

D)

$$\begin{aligned} &(X-3)^2 + (X+2)^2 \\ &X^2 - 6X + 9 + (X+2)^2 \\ &X^2 - 6X + 9 + X^2 + 4X + 4 \\ &2X^2 - 2X + 13 \end{aligned}$$

E)

$$\begin{aligned} &X \times (X+1) \times (X-2) \\ &(X^2 + X) \times (X-2) \\ &\times X^3 - 2X^2 + X^2 - 2X \\ &X^3 - X^2 - 2X \end{aligned}$$