

أنشر ثم رتب كلا من العبارات التالية .

$$A(x) = 3(x-5)(x+3) \quad (1)$$

$$B(x) = \frac{x+1}{3} - \frac{x}{2} + 4 \quad (2)$$

$$C(x) = \frac{2}{3}x(2x+9) - 5x + 1 \quad (3)$$

الحل :

$$A(x) = 3x^2 - 6x - 45 \quad ; \quad A(x) = 3(x^2 - 5x + 3x - 15) \quad ; \quad A(x) = 3(x-5)(x+3) \quad (1)$$

$$B(x) = -\frac{1}{6}x + \frac{13}{3} \quad ; \quad B(x) = \frac{2x-3x}{6} + \frac{1+12}{3} \quad ; \quad B(x) = \frac{x}{3} - \frac{x}{2} + \frac{1}{3} + 4 \quad ; \quad B(x) = \frac{x+1}{3} - \frac{x}{2} + 4 \quad (2)$$

$$C(x) = \frac{4}{3}x^2 + x + 1 \quad ; \quad C(x) = \frac{4}{3}x^2 + 6x - 5x + 1 \quad ; \quad C(x) = \frac{2}{3}x(2x+9) - 5x + 1$$