$A = (2x + 3)(x - 1)$
$\quad = 2x^2 - 2x + 3x - 3$
$\quad = 2x^2 + x - 3$

$B = (3x + 4)^2$
$\quad = (3x)^2 + 2 \times 3x \times 4 + 4^2$
$\quad = 9x^2 + 24x + 16$

$C = (x - 5)^2$
$\quad = x^2 - 2 \times x \times 5 + 5^2$
$\quad = x^2 - 10x + 25$