

Exercise 1 : $A = 5x - 10$ $B = 3x^2 - 4x$ $C = 25x^2 - 10x$ $D = x^2 + ax + x$ $E = 6x - 12$ $F = x^2 + x$ $G = 12x^2 + 4x - 6$ $H = x^4 - 2x^2 + 4x$	Exercise 2 : $A = x(x + 2) + 3(x + 2)$ $B = a(b + c) - d(b + c)$ $C = a(x + y) + b(x + y)$ $D = x(3 - y) - y(3 - y)$ $E = x(x - 5) - 5(x - 5)$ $F = x^2(x + 1) - 2x(x + 1)$ $G = 2ax(x + 2) + a(x + 2)$ $H = 5xy^2(x - 1) + 3y^2(x - 1)$
Exercise 3 : $A = x^2(x + 1) - 3x(x + 1) + 4(x + 1)$ $B = (x + 3)(x - 2) - (x + 3)(2x + 3)$ $C = (3x + 2)(x - 5) - (x - 5)(2x + 3)$ $D = (x + 4)^2 + 2x(x + 4)$ $E = (x - 1)^2 - 2(x - 1)$ $F = 4(x + 5)^2 - 3x(x + 5)$ $G = (x - 3)^2 + (x - 3)(x + 3)$ $H = (3x + 2)^2 + (3x + 2)(2x - 3) - (3x + 2)$	Exercise 4 : $A = 11n + 11$ $B = x^2 + 5x$ $C = 14t^2 - 21t$ $D = (x + 5)(x + 8) + 2(x + 5)$ $E = (2x - 9)(3x + 7) + (2x - 9)(6 - 2x)$ $F = (5x - 3)(7x - 9) - (3x + 4)(5x - 3)$ $G = (7x + 1)^2 + (7x + 1)(2x + 5)$ $H = (2a + 3)(5a - 1) - (2a + 3)^2$

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