

Identities – www.m4ths.com Find the values of A , B and C in each (If C exists)

- (1) $5(x + 7) \equiv Ax + B$
- (2) $A(x + 3) \equiv 6x + B$
- (3) $2x(x + B) \equiv Ax^2 + 18x$
- (4) $Ax(5x + 2) \equiv 15x^2 + Bx$
- (5) $(x + 3)(x + 2) \equiv Ax^2 + Bx + C$
- (6) $(2x + 1)(x + 5) \equiv Ax^2 + Bx + C$
- (7) $(Ax + 3)(x + 7) \equiv 4x^2 + 31x + B$
- (8) $(3x + 2)^2 \equiv Ax^2 + Bx + C$
- (9) $3(x + 1) + 2(x + 4) \equiv Ax + B$
- (10) $5(x - 1) + 3(2x + 5) \equiv Ax + B$
- (11) $2(Ax + 1) - 3(x + 2) \equiv 13x + B$
- (12) $10 + A(3x + 7) \equiv 15x + B$
- (13) $6(x + 2) - 3x \equiv Ax + B$
- (14) $(3 - x)(2 - x) \equiv Ax^2 + Bx + C$
- (15) $(x + 5)(x - 5) \equiv x^2 + B$
- (16) $7(3 - x) - 8(4 + x) \equiv Ax + B$
- (17) $(Ax + B)^2 \equiv 36x^2 + 60x + 25$
- (18) $(3x + A)^2 \equiv Bx^2 + Cx + 4$
- (19) $-3x - 4x^2 + x - x^2 \equiv Ax^2 + Bx$
- (20) $(3 - 2x)x \equiv Ax^2 + Bx + C$

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