Solutions – Expanding Brackets (A)

Expand $6(3c + 3)$.

$18c + 18$

Expand $7(y - 9)$.

$7y - 63$

Expand $-2(-5a^2 - 3b - 3)$.

$10a^2 + 6b + 6$

Expand $6(2c^2 - d + 9)$.

$12c^2 - 6d + 54$

Expand $-9(-8b - 3)$.

$72b + 27$

Expand $-(y + 1)$.

$-y - 1$

Solutions – Expanding Brackets (B)

Expand $8(e + 7)$.

$8e + 56$

Expand $-5(3x^2 + 4y - 2)$.

$-15x^2 - 20y + 10$

Expand $-8(f - 4)$.

$-8f + 32$

Expand $7(5c - 9)$.

$35c - 63$

Expand $2(x^2 - 3y - 1)$.

$2x^2 - 6y - 2$

Expand $-(e + 6)$.

$-e - 6$

Solutions – Expanding Brackets (C)

Expand $2(d + 5)$.

$2d + 10$

Expand $-(a + 9)$.

$-a - 9$

Expand $7(2a + 1)$.

$14a + 7$

Expand $-6(-6c - 1)$.

$36c + 6$

Expand $9(-5c^2 - 5d - 5)$.

$-45c^2 - 45d - 45$

Expand $-2(b^2 + 5c - 4)$.

$-2b^2 - 10c + 8$

Solutions – Expanding Brackets (D)

Expand $-(e - 3)$.

$-e + 3$

Expand $8(d - 8)$.

$8d - 64$

Expand $9(-c^2 + 3d + 4)$.

$-9c^2 + 27d + 36$

Expand $2(9c - 5)$.

$18c - 10$

Expand $-2(4d^2 + 2e - 2)$.

$-8d^2 - 4e + 4$

Expand $-6(6a + 9)$.

$-36a - 54$

Solutions – Expanding Brackets (E)

Expand $7(3e^2 + 3f - 8)$.

$21e^2 + 21f - 56$

Expand $7(5f - 5)$.

$35f - 35$

Expand $9(f + 5)$.

$9f + 45$

Expand $-9(5b + 6)$.

$-45b - 54$

Expand $-8(e^2 - 5f - 2)$.

$-8e^2 + 40f + 16$

Expand $-(x + 7)$.

$-x - 7$

Solutions – Expanding Brackets (F)

Expand $-5(-3a^2 + 3b + 9)$.

$15a^2 - 15b - 45$

Expand $-(a + 4)$.

$-a - 4$

Expand $8(-5c^2 + 5d - 7)$.

$-40c^2 + 40d - 56$

Expand $-2(-6c - 9)$.

$12c + 18$

Expand $7(c - 2)$.

$7c - 14$

Expand $9(5e - 8)$.

$45e - 72$

Solutions – Expanding Brackets (G)

Expand $-(e - 9)$.

$-e + 9$

Expand $-6(c^2 - 4d - 6)$.

$-6c^2 + 24d + 36$

Expand $-4(-7d + 6)$.

$28d - 24$

Expand $7(-3e^2 - 4f - 7)$.

$-21e^2 - 28f - 49$

Expand $2(y - 5)$.

$2y - 10$

Expand $6(5c - 5)$.

$30c - 30$

Solutions – Expanding Brackets (H)

Expand $-(y + 6)$.

$-y - 6$

Expand $-3(-a + 8)$.

$3a - 24$

Expand $5(x^2 - 4y - 5)$.

$5x^2 - 20y - 25$

Expand $9(x - 2)$.

$9x - 18$

Expand $-4(3x^2 + y + 1)$.

$-12x^2 - 4y - 4$

Expand $9(x + 2)$.

$9x + 18$

Solutions – Expanding Brackets (I)

Expand $-(a + 4)$.

$-a - 4$

Expand $5(y - 7)$.

$5y - 35$

Expand $3(-c^2 + 2d - 8)$.

$-3c^2 + 6d - 24$

Expand $-3(3a^2 + 3b + 9)$.

$-9a^2 - 9b - 27$

Expand $7(4d - 8)$.

$28d - 56$

Expand $-6(y - 8)$.

$-6y + 48$

Solutions – Expanding Brackets (J)

Expand $5(4y - 1)$.

$20y - 5$

Expand $-5(x - 9)$.

$-5x + 45$

Expand $-(c - 2)$.

$-c + 2$

Expand $9(b - 9)$.

$9b - 81$

Expand $-4(2a^2 + b - 7)$.

$-8a^2 - 4b + 28$

Expand $6(-3e^2 + 3f + 4)$.

$-18e^2 + 18f + 24$