

Expansion**Further/Expansion****Trinomials**

1. $expand(x^2 + 5)(x^2 - 2x + 1)$

2. $expand(4 - 2x^2)(x^2 + 4x - 1)$

3. $expand(2x^2 - 2)(3x^2 - 6x - 2)$

4. $expand(x^2 + 3)(x^2 - 2x + 3)$

5. $expand(7 - 3x^2)(x^2 + 3x - 5)$

6. $expand(6 - 9x^2)(x^2 + 8x - 2)$

7. $expand(5x^2 - 3)(6x^2 - 5x - 5)$

8. $expand(x^2 + 4)(x^2 - 5x + 10)$

9. $expand(x^2 + 9)(x^2 - 7x + 1)$

10. $expand(6 - 4x^2)(x^2 + 5x - 2)$

Answers**Expansion****Further/Expansion****Trinomials**

1. $x^4 - 2x^3 + 6x^2 - 10x + 5$

2. $-2x^4 - 8x^3 + 6x^2 + 16x - 4$

3. $6x^4 - 12x^3 - 10x^2 + 12x + 4$

4. $x^4 - 2x^3 + 6x^2 - 6x + 9$

5. $-3x^4 - 9x^3 + 22x^2 + 21x - 35$

6. $-9x^4 - 72x^3 + 24x^2 + 48x - 12$

7. $30x^4 - 25x^3 - 43x^2 + 15x + 15$

8. $x^4 - 5x^3 + 14x^2 - 20x + 40$

9. $x^4 - 7x^3 + 10x^2 - 63x + 9$

10. $-4x^4 - 20x^3 + 14x^2 + 30x - 12$