Expand Double Brackets

Core Worksheet

Worked Examples & Guided Practice

I Do (Teacher Model) Expand and simplify $(x+4)(x+7)$.

We Do (Guided Practice) Expand and simplify $(2x-3)(x+5)$.

You Do (Independent Practice) Expand and simplify $(3x-2)(2x-5)$.

Challenge (Extension) Expand and simplify $(2x-5)^2$.

Practice Perfect Questions

Q1. Expand and simplify $(x+3)(x+5)$.

Q2. Expand and simplify $(x-4)(x+6)$.

Q3. Expand and simplify $(x-5)(x-2)$.

Q4. Expand and simplify $(3x+1)(x-4)$.

Q5. Expand and simplify $(2y-3)(3y+4)$.

Q6. Expand and simplify $(3x-4)^2$.

Answers & Worked Solutions

Model Solutions

- **I Do:** $x^2 + 7x + 4x + 28 = x^2 + 11x + 28$
- **We Do:** $2x^2 + 10x - 3x - 15 = 2x^2 + 7x - 15$
- **You Do:** $6x^2 - 15x - 4x + 10 = 6x^2 - 19x + 10$
- **Challenge:** $4x^2 - 20x + 25$

Practice Perfect Questions Solutions

Q1. $x^2 + 8x + 15$

Q2. $x^2 + 2x - 24$

Q3. $x^2 - 7x + 10$

Q4. $3x^2 - 11x - 4$

Q5. $6y^2 - y - 12$

Q6. $9x^2 - 24x + 16$