ZiloAcademy

✨ Grade 9 Maths — Factorisation ✨

Name: Demo **Date:** 26/11/2026

1. Factorise: x^2 + 10x + 21 (format: (x+3)(x+7), no spaces)

2. Factorise fully: 14x + 34 (format: a(bx+c), no spaces, e.g. "3(2x+5)")

3. Factorise: x^2 + 8x + 16 (format: (x+4)(x+4), no spaces)

4. Factorise: x^2 + 11x + 30 (format: (x+5)(x+6), no spaces)

5. Factorise: x^2 + 10x + 16 (format: (x+2)(x+8), no spaces)

6. Factorise: x^2 + 7x + 10 (format: (x+2)(x+5), no spaces)

7. Factorise fully: 42x + 30 (format: a(bx+c), no spaces, e.g. "3(2x+5)")

8. Factorise fully: 15x + 24 (format: a(bx+c), no spaces, e.g. "3(2x+5)")

9. Factorise fully: 42x + 102 (format: a(bx+c), no spaces, e.g. "3(2x+5)")

10. Factorise: x^2 + 12x + 35 (format: (x+7)(x+5), no spaces)