ZiloAcademy

✨ Grade 10 Maths — Difference of Squares ✨

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

1. Factorise fully: $4x^2 - 81$ (format like (3x+4)(3x-4), + bracket first, no spaces)

2. Factorise fully: $9a^2 - 121$ (format like (3x+4)(3x-4), + bracket first, no spaces)

3. Factorise fully: $16m^2 - 9$ (format like (3x+4)(3x-4), + bracket first, no spaces)

4. Use the difference of two squares to evaluate $44^2 - 38^2$ without a calculator:

5. Factorise fully: $4t^2 - 1$ (format like (3x+4)(3x-4), + bracket first, no spaces)

6. Factorise fully: $16x^2 - 25$ (format like (3x+4)(3x-4), + bracket first, no spaces)

7. Use the difference of two squares to evaluate $65^2 - 63^2$ without a calculator:

8. Factorise fully: $9p^2 - 4$ (format like (3x+4)(3x-4), + bracket first, no spaces)

9. Use the difference of two squares to evaluate $82^2 - 78^2$ without a calculator:

10. Factorise fully: $25y^2 - 81$ (format like (3x+4)(3x-4), + bracket first, no spaces)