ZiloAcademy

✨ Grade 10 Maths — Index Laws ✨

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

1. Simplify: $(3p^2)^2$ (format like 16a^8, no spaces)

2. Simplify: $(2a^3)^2$ (format like 16a^8, no spaces)

3. Simplify: $15a^8 \div 5a^5$ (format like 3m^4, no spaces)

4. Simplify: $4x^4y^4 \times 6x^4y^3$ (format like 12a^5b^3, no spaces)

5. Simplify: $(2a^2)^3$ (format like 16a^8, no spaces)

6. Simplify: $18x^{11} \div 3x^5$ (format like 3m^4, no spaces)

7. Simplify: $3p^5q^3 \times 2p^3q^4$ (format like 12a^5b^3, no spaces)

8. Simplify: $4a^3b^4 \times 3a^3b^2$ (format like 12a^5b^3, no spaces)

9. Simplify: $30p^{10} \div 6p^4$ (format like 3m^4, no spaces)

10. Simplify: $8m^8 \div 4m^2$ (format like 3m^4, no spaces)