



Air maths tuition

Interact, engage and perform

## Indices (Exponents) - Multiplication Rule Extended Exercise

Simplify

$$1) (x^3)^4 = x^{12}$$

$$2) (4x^3)^2 = 16x^6$$

$$3) (x^2y^3)^5 = x^{10}y^{15}$$

$$4) (4x^5y^3)^3 = 64x^{15}y^9 \quad \checkmark$$

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Exam Solutions

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