

Example :-

Simplify $3x^5 \times 2x^3$

Deal with the **3** and the **2** first
(i.e. 3×2) then the indices.

$$3x^5 \times 2x^3 = 6x^8$$

$$2x^3 \times 4x^2$$

$$4k^4 \times 4k^5$$

$$11p^2 \times 5p^4$$

$$6y^7 \times y^{-5}$$

$$3 \times 4q^2 \times 2q^3$$

$$5x^4 \times 3x^3$$

$$7k^6 \times 2k^3$$

$$4p^7 \times 5p^{-2}$$

$$9z^{12} \times z^{-8}$$

$$3t^8 \times t^{-3} \times 2t^{-4} .$$