**Example :-** Simplify $\frac{8x^7}{2x^2}$

Deal with the **8** and the **2** first (i.e. $8 \div 2$) then the indices.

$$\frac{8x^7}{2x^2} = 4x^5$$

**Simplify** as far as possible :-

(a) $\frac{9x^5}{3x^3}$ (b) $\frac{16y^8}{4y^5}$ (c) $\frac{8y^6}{6y^2}$

(d) $\frac{20k^{12}}{16k}$ (e) $\frac{36p^7}{24p^6}$ (f) $14x^7 \div 7x^4$

(g) $\frac{12p^4}{4p^{-2}}$ (h) $\frac{21q^3}{14q^{-2}}$ (i) $\frac{18w^{-3}}{16w^2}$

(j) $\frac{4w^5x^3}{2w^2x^2}$ (k) $\frac{27x^2z^3}{21x\,z^{-2}}$ (l) $48x^2 \div 12x^{-1}$