

Indices part 5

Simplify the following leaving in index form

$$1) \left(\frac{6x^4}{5y^3}\right)^6$$

$$2) \left(\frac{4x^3}{6y^6}\right)^5$$

$$3) \left(\frac{7k^3}{3t^5}\right)^4$$

$$4) \left(\frac{6x^4}{5y^3}\right)^3$$

$$5) \left(\frac{6a^4}{2b^3}\right)^2$$

$$6) \left(\frac{5c^4}{5d^3}\right)^6$$

$$7) \left(\frac{6e^8}{5d^5}\right)^9$$

$$8) \left(\frac{7f^4}{5h^3}\right)^{10}$$

$$9) \left(\frac{6k^4}{3L^3}\right)^{12}$$

$$10) \left(\frac{2x^4}{3y^3}\right)^7$$

