

Indices part 4

Simplify the following leaving in index form

1) $(5^{10})^8$

2) $(7^8)^5$

3) $(2^5)^9$

4) $(6^4)^{12}$

5) $(x^{15})^6$

6) $(y^{14})^{10}$

7) $(f^5 g^7)^4$

8) $(p^8 q^7)^5$

9) $(e^3 g^7 h^3)^2$

10) $(b^6 c^7 d^5)^3$