

**Exercice 1 : (*Puissances de puissances.*)**

1.  $A = (3^3)^3 =$

6.  $F = (7^2)^3 =$

2.  $B = (8^3)^2 =$

7.  $G = (5^3)^3 =$

3.  $C = (9^2)^4 =$

8.  $H = (8^4)^3 =$

4.  $D = (4^2)^2 =$

9.  $I = (5^2)^4 =$

5.  $E = (5^4)^2 =$

10.  $J = (3^2)^2 =$

**Exercice 2 : (*Puissances de puissances.*)**

1.  $A = (3^3)^3 =$

6.  $F = (7^2)^3 =$

2.  $B = (8^3)^2 =$

7.  $G = (5^3)^3 =$

3.  $C = (9^2)^4 =$

8.  $H = (8^4)^3 =$

4.  $D = (4^2)^2 =$

9.  $I = (5^2)^4 =$

5.  $E = (5^4)^2 =$

10.  $J = (3^2)^2 =$