

Exponents

Change the multiplication expression to an exponent

1. $4 \times 4 \times 4 \times 4 =$

4. $5 \times 5 \times 5 \times 5 =$

2. $6 \times 6 \times 6 \times 6 \times 6 =$

5. $10 \times 10 \times 10 =$

3. $7 \times 7 \times 7 =$

6. $9 \times 9 =$

Write out the expanded form and standard form below

7. $8^4 =$ _____

11. $11^1 =$ _____

8. $5^6 =$ _____

12. $2^5 =$ _____

9. $7^2 =$ _____

13. $1^5 =$ _____

10. $3^6 =$ _____

14. $3^3 =$ _____

Match each equation with the exponent that matches

15. 6^4

A. $5 \cdot 5$

16. 9^2

B. $10 \cdot 10$

17. 10^2

C. $2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$

18. 5^2

D. $9 \cdot 9$

19. 2^7

E. $4 \cdot 4 \cdot 4 \cdot 4 \cdot 4$

20. 4^5

F. $6 \cdot 6 \cdot 6 \cdot 6$