



Rewriting Exponents

Grade 5 Exponents Worksheet

Date: _____

Name: _____

LET'S MAKE LEARNING FUN

Rewrite the following expressions using exponents.

Example: $2 \times 2 \times 2 \times 2 \times 2 = 2^5$

1. $11 \times 11 \times 11 \times 11 =$ _____.

2. $5 \times 5 \times 5 \times 5 =$ _____.

3. $21 \times 21 \times 21 \times 21 =$ _____.

4. $17 \times 17 \times 17 \times 17 \times 17 =$ _____.

5. $3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 =$ _____.

6. $6 \times 6 \times 6 \times 6 \times 6 \times 6 =$ _____.

7. $23 \times 23 \times 23 \times 23 \times 23 \times 23 \times 23 =$ _____.

8. $20 \times 20 \times 20 =$ _____.

9. $1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 =$ _____.

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

11. $3 \times 3 \times 3 \times 3 \times 3 =$ _____.

12. $30 \times 30 \times 30 =$ _____.

13. $4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 =$ _____.

14. $11 \times 11 \times 11 \times 11 \times 11 \times 11 =$ _____.



Rewriting Exponents

Grade 5 Exponents Answer Sheet

- $11 \times 11 \times 11 \times 11 = \underline{11^4}$.
- $5 \times 5 \times 5 \times 5 = \underline{5^4}$.
- $21 \times 21 \times 21 \times 21 = \underline{21^4}$.
- $17 \times 17 \times 17 \times 17 \times 17 = \underline{17^5}$.
- $3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 = \underline{3^{10}}$.
- $6 \times 6 \times 6 \times 6 \times 6 \times 6 = \underline{6^6}$.
- $23 \times 23 \times 23 \times 23 \times 23 \times 23 \times 23 = \underline{23^7}$.
- $20 \times 20 \times 20 = \underline{20^3}$.
- $1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 = \underline{1^9}$.
- $5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 = \underline{5^{11}}$.
- $3 \times 3 \times 3 \times 3 \times 3 = \underline{3^5}$.
- $30 \times 30 \times 30 = \underline{30^3}$.
- $4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 = \underline{4^7}$.
- $11 \times 11 \times 11 \times 11 \times 11 \times 11 = \underline{11^6}$.