

Writing exponents

Grade 5 Exponents Worksheet

Rewrite the following expressions using exponents.

For example: $2 \times 2 \times 2 \times 2 \times 2 = 2^5$

1. 3×3

6. $11 \times 11 \times 11 \times 11$

2. $5 \times 5 \times 5 \times 5$

7. $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$

3. $4 \times 4 \times 4$

8. $21 \times 21 \times 21 \times 21$

4. $6 \times 6 \times 6 \times 6 \times 6 \times 6$

9. $17 \times 17 \times 17 \times 17 \times 17$

5. $2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$

10. $3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$



Answers

1. 3^2

2. 5^4

3. 4^3

4. 6^6

5. 2^7

6. 11^4

7. 10^8

8. 21^4

9. 17^5

10. 3^{10}