

Reading exponents

Grade 5 Exponents Worksheet

Rewrite the following exponents using repeated multiplication and write the value of the exponents.

For example: $2^5 = 2 \times 2 \times 2 \times 2 \times 2 = 32$

1. 8^2

6. 4^4

2. 7^3

7. 12^2

3. 3^3

8. 2^5

4. 5^4

9. 14^2

5. 3^6

10. 9^3



Answers

1. $8 \times 8 = 64$
2. $7 \times 7 \times 7 = 343$
3. $3 \times 3 \times 3 = 27$
4. $5 \times 5 \times 5 \times 5 = 625$
5. $3 \times 3 \times 3 \times 3 \times 3 \times 3 = 729$
6. $4 \times 4 \times 4 \times 4 = 256$
7. $12 \times 12 = 144$
8. $2 \times 2 \times 2 \times 2 \times 2 = 32$
9. $14 \times 14 = 196$
10. $9 \times 9 \times 9 = 729$