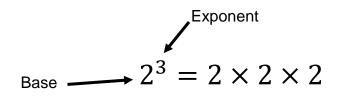


Exponents

Grade 5 Exponents Worksheet



Exponents are used to express repeated multiplication of a number. The exponent tells us how many times the base is multiplied by itself.

Rewrite the following exponents using repeated multiplication and calculate the value

For example, $3^2 = 3 \times 3 = 9$

- 1. 11^2 3. 3^4
- 2. 7^2 4. 9^3

Rewrite the following expressions using exponents.

- 5. $5 \times 5 \times 5 \times 5 \times 5$ 7. 18×18
- $6. \qquad 6 \times 6 \times 6$

8. $4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4$





Answers

- 1. $11 \times 11 = 121$
- 2. $7 \times 7 = 49$
- $3. \qquad 3 \times 3 \times 3 \times 3 = 81$
- $4. \qquad 9 \times 9 \times 9 = 729$
- 5. 5⁵
- **6**. 6³
- **7**. 18²
- 8. 4⁷