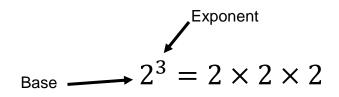


Exponents

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.	4 ²	3.	3 ³
2.	2 ⁸	4.	54

Rewrite the following expressions using exponents.

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

- 5. $8 \times 8 \times 8$ 7. $6 \times 6 \times 6 \times 6 \times 6$
- $6. \quad 7 \times 7 \times 7 \times 7 \qquad \qquad 8. \quad 5 \times 5 \times 5$



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Answers

- 1. $4 \times 4 = 16$
- 2. $2 \times 2 = 256$
- $3. \qquad 3 \times 3 \times 3 = 27$
- 4. $5 \times 5 \times 5 \times 5 = 625$
- 5. 8³
- 6. 7⁴
- **7**. 6⁵
- **8**. 5³