

What Is Representing Repeated Multiplication in Exponential Form?



• An exponent tells how many times to multiply a number by itself.



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How to represent repeated multiplications in exponential form:

When a number is multiplied by itself, this is called repeated multiplication: 7 x 7 x 7 x 7 5 x 5 x 5 x 5 x 5 3 x 3 Another way to express this multiplication is to count the number of times the number is multiplied and place an exponent next to the number. The exponent is written smaller and goes to the right and slightly above the number. $30 \times 30 = 30^2$ iply PREVIEW Please Sign In or Sign Up to download **Try T** the printable version of this worksheet What v cation expressions?



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