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Imagine you need to write
fifteen times number three
multiplied by
itself

Is there
a shorter way
to write it?

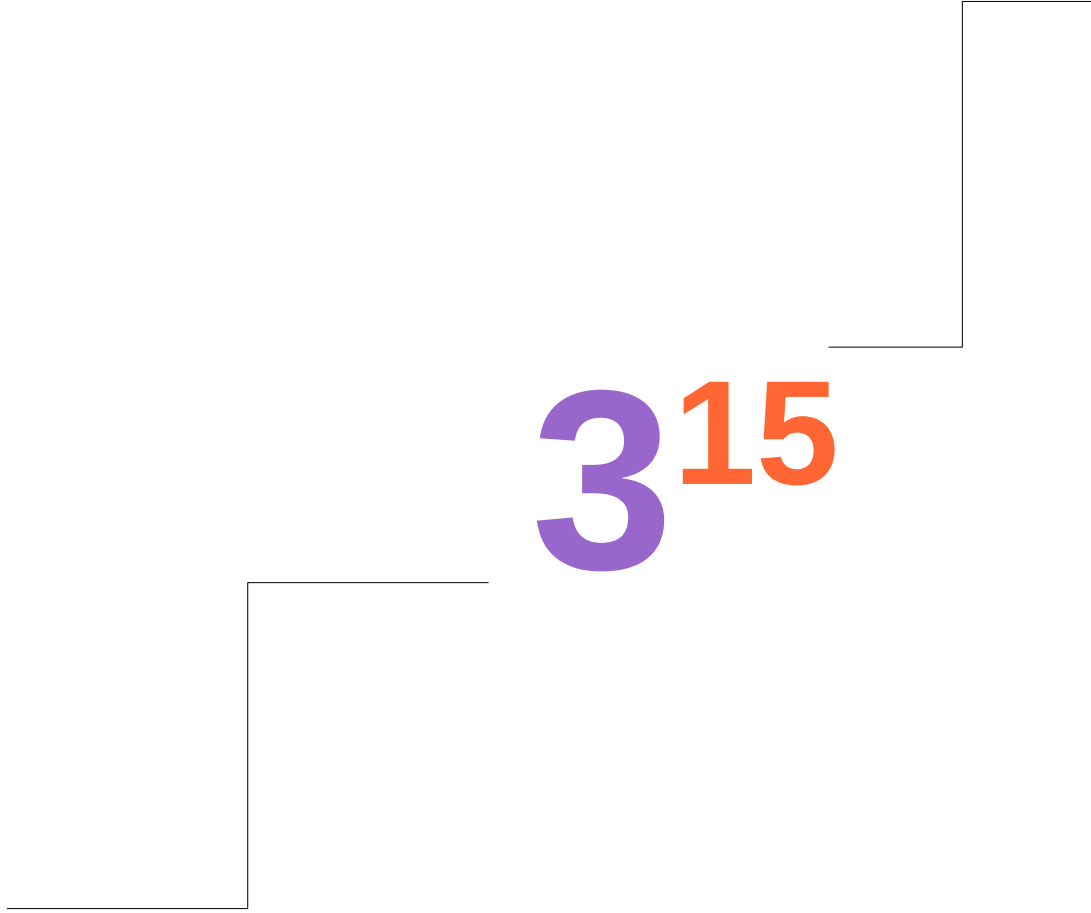
3¹⁵

power

exponent

3^{15}

base



base

the number that is multiplied by itself

exponent

how many times is the base multiplied by itself

$$3^2 = 9$$

$$\sqrt{9} = 3$$

$$5^2 = 25$$

$$\sqrt{25} = 5$$

$$9^2 = 81$$

$$\sqrt{81} = 9$$

$$10^2 = 100$$

$$\sqrt{100} = ?$$

$$11^2 = 121$$

$$\sqrt{?} = 11$$

$$12^2 = ?$$

$$\sqrt{144} = ?$$

$$100^2 = ?$$

$$\sqrt{?} = 100$$