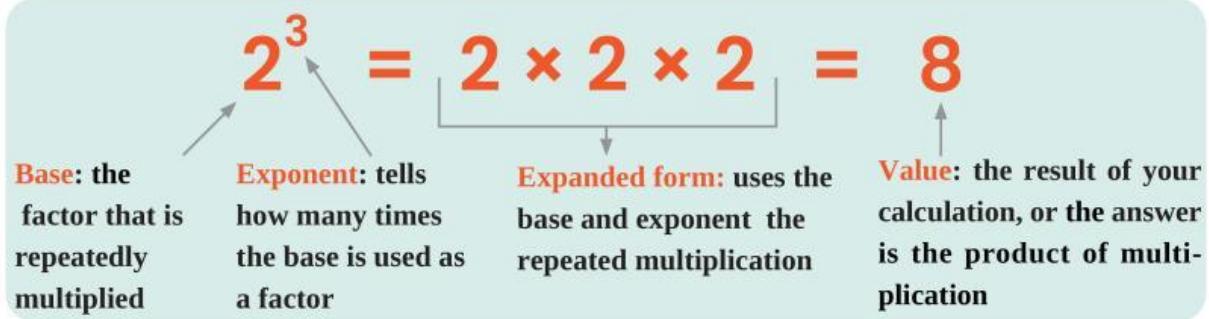




Introduction to Exponents: Understanding the Key Terms

When a number is multiplied by itself over and over again, it results in repeated multiplication. This concept of **repeated multiplication** is known as **Exponents**. Let us look at the terms of exponents.



Let's practice the concept of Exponents. Understand and fill the blanks :

$$4^2$$

Base number: _____ Exponent: _____

Expanded form: _____

Value: _____

$$5^3$$

Base number: _____ Exponent: _____

Expanded form: _____

Value: _____

$$10^4$$

Base number: _____ Exponent: _____

Expanded form: _____

Value: _____

$$2^5$$

Base number: _____ Exponent: _____

Expanded form: _____

Value: _____

$$6^3$$

Base number: _____ Exponent: _____

Expanded form: _____

Value: _____

$$3^4$$

Base number: _____ Exponent: _____

Expanded form: _____

Value: _____