

# Indices Starter

POWS1 Powers Using Indices

$$2^3 = 2 \times 2 \times 2 = 8$$

Two to the power three is eight.

2<sup>5</sup> =

Show the actual result ? y/n

Clear Left All Clear

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Can be used in both directions.  
What is 5 to the power 3?  
How can I make 16?  
Within reason a correct result can be shown , up to 3 digit number input or allows fractions. Just type as 3/4 for example.  
With the result showing one can demonstrate by incrementing the index or number.  
Extreme results will be shown in Standard Form.  
Will give result of decimal and negative index use.

# Checks and responds to inputs

POWS1 Powers Using Indices

$$2^3 = 2 \times 2 \times 2 = 8$$

Two to the power three is eight.

$$2 \times 2 \times 2 \times 2 = 32$$

2<sup>5</sup> = 10 ?

Show the actual result ? y/n

Clear Left All Clear

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What is 5 to the power 3?  
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## A wide variety of uses

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$$2^3 = 2 \times 2 \times 2 = 8$$

Two to the power three is eight.

16 = 4 ?

Show the actual result ? y/n

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## Includes fractional, decimal and negative indices use

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$$2^3 = 2 \times 2 \times 2 = 8$$

Two to the power three is eight.

16 = 4 Yes

Show the actual result ? y/n

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