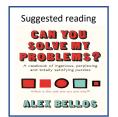


Year 8 – Algebra Techniques Indices



Want to know more?
Scan the QR code to
visit the curriculum
overview for Year 8
Maths, including topic
summaries, key
words, and books that
you may want to read
in your own time



What do I need to be able to do?

By the end of this unit you should be able to:

- Odd/ Subtract expressions with indices
- Multiply expressions with indices
- Divide expressions with indices
- Know the addition law for indices
- Know the subtraction law for indices

! Keywords

Base: The number that gets multiplied by a power

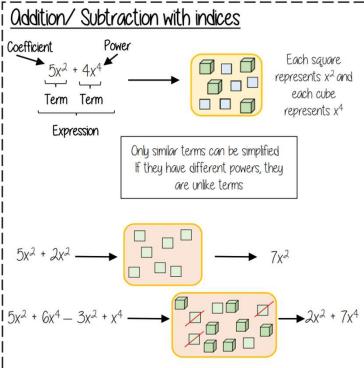
Power: The exponent — or the number that tells you how many times to use the number in multiplication **Exponent**: The power — or the number that tells you how many times to use the number in multiplication

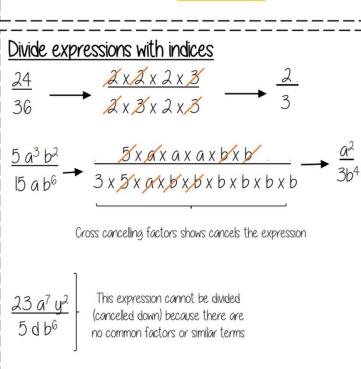
I Indices: The power or the exponent

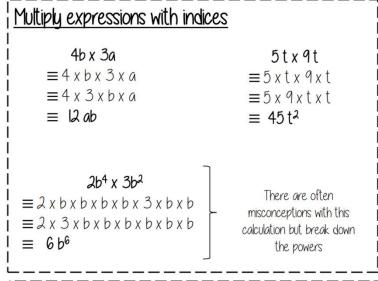
Coefficient: The number used to multiply a variable

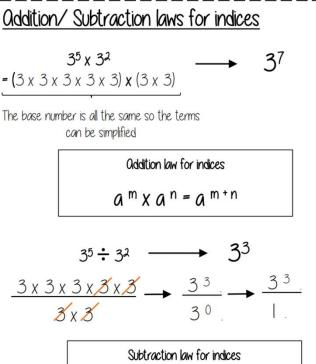
Simplifu: To reduce a power to its lowest term

Product: Multiply









 $a^{m} \div a^{n} = a^{m-n}$