### YFAR 7 — REASONING WITH NUMBER Developing number sense

#### @whisto maths

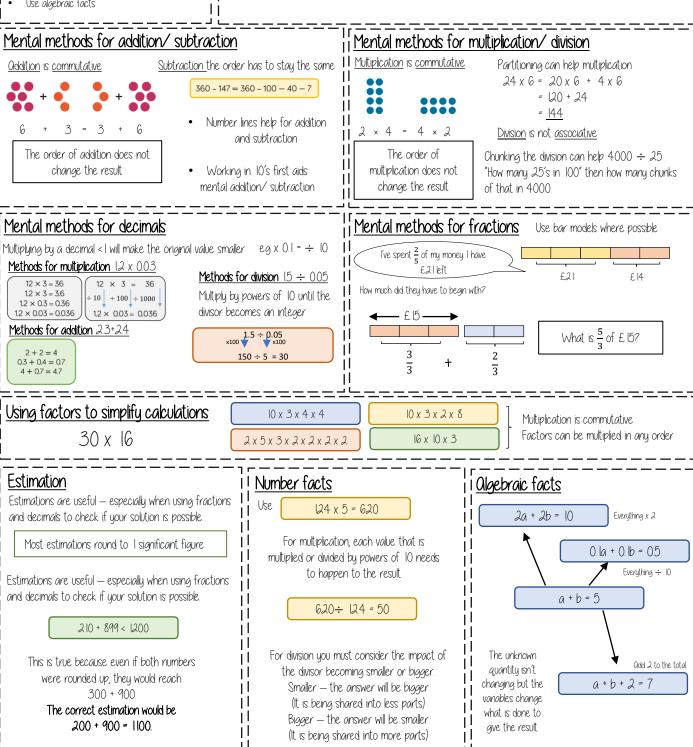
### What do I need to be able to do?

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

- Know and use mental addition/ subtraction
- Know and use mental multiplication/ division
- Know and use mental arithmetic for decimals Know and use mental arithmetic for fractions
- Use factors to simplify calculations
- Use estimation to check mental calculations
- Use number facts
- Use algebraic facts

#### Keywords

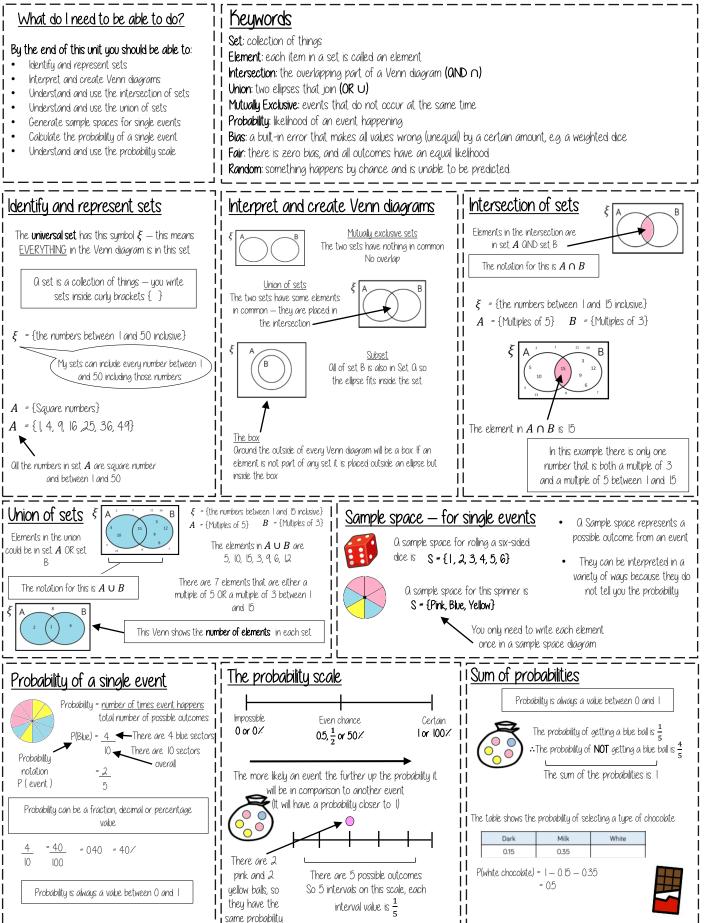
- Commutative: changing the order of the operations does not change the result
- Ossociative: when you add or multiply you can do so regardless of how the numbers are grouped
- Dividend: the number being divided
- Divisor: the number we divide by.
- Expression: a maths sentence with a minimum of two numbers and at least one math operation (no equals sign Equation: a mathematical statement that two things are equal
- Quotient: the result of a division



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## Sets and probability



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### Prime numbers and Proof

