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| Knowledge |
| * A group changes in quantity when something is added to it
 |
| * Addition starts with the largest quantity first
 |
| * Count on from the largest quantity adding on the smaller quantity
 |
| * Find the total
 |
| * When adding 2 digit numbers add the ones first then the tens
 |
| * If you need to cross the boundary you need to exchange up or down:
* Exchanging up – exchanging ten ones for a ten
* Exchanging down – exchanging a ten for ten ones
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| Vocabulary | Definitions |
| Add | Putting two or more groups together |
| Greater | More |
| Sum | The total of adding two or more numbers together |
| Quantity | The value of a number e.g. 3 and 5, 5 is the largest quantity |
| Increasing | The number is going up in quantity |
| Altogether | How many objects when all groups have been added together |
| Partition | To divide into parts |
| Tens | How many tens a number has within its value |
| Ones | How many ones a number has within its value |
| Exchanging | Exchanging a ten for ten ones or ten ones for a ten |
| Total | The value when two numbers have been added together |

Addition

+

**4**

555

5 6





+10

+10





 34 44 54