


|  |  |  |  |  |  |  | acceleration in a given direction and form vector equations of straight lines where the scalar represents time |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SPR |  | Simultaneous equations | Understand that equations can have more than one solution <br> Determine whether a given $(x, y)$ is a solution to a pair of linear simultaneous equations <br> Solve a pair of linear simultaneous equations by substituting a known variable <br> Solve a pair of linear simultaneous equations by substituting an expression <br> Solve a pair of linear simultaneous equations using graphs <br> Solve a pair of linear simultaneous equations by subtracting equations | Accounting involves a great deal of mathematics. <br> Accountant set up computer <br> spreadsheets to calculate and analyse data. Programs such at Microsoft excel work by applying different equations to values in columns or cells, so you needs to know what equations or formulae to use to get the result you needed | Lack of understanding that adding a negative is equal to subtraction and so on. <br> Not applying an operation to every term on both sides of the equation but to selected terms <br> Leaving their solutions to simultaneous equations incomplete by forgetting to find the value of the second variable. <br> Wanting to give exact or decimalised answers rather than working on their solutions in fractional form. | Use variables correctly to form algebraic expressions. |  |  |  |  | Accountant Inserting different equations Focusing on the order of operations checking that the equations are producing the correct answers |




