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| 3.15 Apply systems of simultaneous equations in solving problems | Apply systems of simultaneous equations in solving problems | Apply systems of simultaneous equations, using relational thinking, in solving problems. | Apply systems of simultaneous equations, using extended abstract thinking, in solving problems. |
| * selecting and using methods * demonstrating knowledge of concepts and terms * communicating using appropriate representations. | * carrying out a logical sequence of steps * connecting different concepts or representations * demonstrating understanding of concepts * forming and using a model   and also relating findings to a context or communicating thinking using appropriate mathematical statements. | * devising a strategy to investigate a situation * identifying relevant concepts in context * developing a chain of logical reasoning, or proof * forming a generalisation   and also using correct mathematical statements, or communicating mathematical insight. |
| Forming systems of simultaneous equations |  |  |  |
| Forming systems of simultaneous equations – **3 linear equations with 3 unknowns** |  |  |  |
| Solving systems of simultaneous equations |  |  |  |
| Solving systems of simultaneous equations - **3 linear equations with 3 unknowns** |  |  |  |
| The nature of solutions to systems |  |  |  |