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| **Title of unit:** | Inequalities |
| **Overview of unit:** | Use the symbols =, ≠, <, >, ≤, ≥.  Represent sets of solutions on a number line.  Solve linear inequalities with an unknown on one side.  Solve linear inequalities with an unknown on both sides.  Represent linear inequalities graphically.  Solve a set of linear inequalities in two variables and represent the solution as a region of a graph  Solve quadratic inequalities. |
| **Cross-curricular/ extra-curricular links:** |  |
| **Literacy/ numeracy links:** | Worded problems/exam questions  Keywords displayed on all PPts - Equal, inequality, greater than, less than, equal to, solve, number line, graph, region, linear, quadratic  Written plenaries |

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| **Grade:** | **Learning objective:** | **Resources:** |
| **1** |  |  |
| **2** | Use the symbols =, ≠, <, >, ≤, ≥. | [Solving and graphing linear inequalities](https://www.piximaths.co.uk/linear-inequalities) |
| **3** | Represent sets of solutions on a number line. | [Solving and graphing linear inequalities](https://www.piximaths.co.uk/linear-inequalities) |
| **4** | Solve linear inequalities with an unknown on one side. | [Solving and graphing linear inequalities](https://www.piximaths.co.uk/linear-inequalities) |
| **5** | Solve linear inequalities with an unknown on both sides | [Solving and graphing linear inequalities](https://www.piximaths.co.uk/linear-inequalities) |
| **6** | Represent linear inequalities graphically. | [Solving and graphing linear inequalities](https://www.piximaths.co.uk/linear-inequalities) |
| **7** | Solve a set of linear inequalities in two variables and represent the solution as a region of a graph. | [Solving and graphing linear inequalities](https://www.piximaths.co.uk/linear-inequalities) |
| **8** | Solve quadratic inequalities. | [Solving quadratic inequalities](https://www.piximaths.co.uk/quadratic-inequalities) |
| **9** |  |  |