|  |  |  |  |
| --- | --- | --- | --- |
| **Solve the following simultaneous equations.****Explain how you can check your answers.** | **Solve the following inequality.****List all the integer values that satisfy the inequality** | **Use the quadratic formula to solve****Now sketch the graph.** | **28 matches are needed to make the 3 cubes below****How many would be needed for 5 cubes?****Find the nth term.** |
| Use the table below to draw the graph of y = 5 – x2 | **Find the midpoint of the following coordinates.** | **Use trial and improvement to find the solution to the following to 1dp:** | **Find the equation for the following.****Can you write down the equation of the line parallel to this which passes through (0,-3)** |
| **Simplify the following:**1. 5a + 2b + 3a – 5b
2. 3mn + 2mn – 8mn
3. 2n x n x n
4. 4m x 3q
 | **Factorise the following:**1.
2.
3.
4.
 | **Work out the value of a and b.****Now work out the perimeter.** | **Solve the following equations:**1.
2.
3.
4.
 |