You need a net of each of these shapes

For each net you are going to try and work out the number of edges, faces and vertices that the final shape will have.

Fill in your guesses in the ‘Before’ column.

Cut out the net, and fold together to make the shape. Use this to write down the actual figure for edges, faces and vertices. Fill in the ‘After’ column.

Mark yourself out of three for each net.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Before | After |  |
| **The Cuboid** |  |  |
| Edges |  |  |
| Faces |  |  |
| Vertices |  |  |
|  |  | Total \_\_\_ / 3 |
| **The Pyramid** |  |  |
| Edges |  |  |
| Faces |  |  |
| Vertices |  |  |
|  |  | Total \_\_\_ / 3 |
| **The Tetrahedron** |  |  |
| Edges |  |  |
| Faces |  |  |
| Vertices |  |  |
|  |  | Total \_\_\_ / 3 |
| **The Octahedron** |  |  |
| Edges |  |  |
| Faces |  |  |
| Vertices |  |  |
|  |  | Total \_\_\_ / 3 |
| **The Dodecahedron** |  |  |
| Edges |  |  |
| Faces |  |  |
| Vertices |  |  |
|  |  | Total \_\_\_ / 3 |