3D Shapes

| Name | Surfaces |  | Edges |  | Vertices | Picture |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Flat | Curved | Flat | Curved |  |  |
| sphere | 0 | 1 | 0 | 0 | 0 |  |
| cube | 6 | 0 | 12 | 0 | 8 |  |
| cuboid | 6 | 0 | 12 | 0 | 8 | $\square$ |
| cone | 1 | 1 | 0 | 1 | 0 |  |
| cylinder | 2 | 1 | 0 | 2 | 0 |  |
| square-based <br> pyramid | 5 | 0 | 8 | 0 | 5 |  |
| tetrahedron | 4 | 0 | 6 | 0 | 4 |  |
| triangular prism | 5 | 0 | 9 | 0 | 6 |  |
| pentagonal <br> prism | 7 | 0 | 15 | 0 | 10 |  |
| hexagonal prism | 8 | 0 | 18 | 0 | 12 |  |
| octagonal prism | 10 | 0 | 24 | 0 | 16 |  |
| octahedron | 8 | 0 | 12 | 0 | 6 |  |

