Look carefully at some 3-D shapes and fill in the spaces in the table below:

| Shape <br> Name | Shape <br> Picture | Number of <br> faces | Number of <br> edges | Number of <br> vertices | Number of <br> right <br> angles on <br> all the <br> faces |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  | 6 | 12 | 8 | 24 |
|  |  |  |  |  |  |
| Triangular <br> prism |  |  |  |  |  |

5501-04 Revise properties of 3-D shapes (pg 2) Answers
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| Shape Name | Shape Picture | Number of faces | Number of edges | Number of vertices | Number of right angles |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cube |  | 6 | 12 | 8 | 24 |
| Cuboid | $W$ | 6 | 12 | 8 | 24 |
| Triangular prism |  | 5 | 9 | 6 | 12 |
| Hexagonal prism |  | 8 | 18 | 12 | 24 |
| Octagonal prism |  | 10 | 24 | 16 | 32 |
| Square based pyramid |  | 5 | 8 | 5 | 4 |
| Tetrahedron |  | 4 | 6 | 4 | 0 |
| Octahedron | $\otimes$ | 8 | 12 | 6 | 0 |

