

# 3-D Shape Sort

| SHAPE CARD          | PROPERTIES              |             |   |                               |  |                              |                                      |                                      |
|---------------------|-------------------------|-------------|---|-------------------------------|--|------------------------------|--------------------------------------|--------------------------------------|
|                     | Even number of Vertices | No Vertices | I have at least 2 edges that are parallel to each other | I have an odd number of edges | One of my vertices is formed by even number of edges | I have fewer than 6 vertices | All of my faces are regular polygons | At least one of my faces is a circle |
| Rectangular Prism   |                         |             |   |                               |  |                              |                                      |                                      |
| Triangular Prism    |                         |             |   |                               |  |                              |                                      |                                      |
| Cylinder            |                         |             |   |                               |  |                              |                                      |                                      |
| Rectangular Pyramid |                         |             |   |                               |  |                              |                                      |                                      |
| Cylinder            |                         |             |   |                               |  |                              |                                      |                                      |
| Cube                |                         |             |   |                               |  |                              |                                      |                                      |
| Hexagonal Prism     |                         |             |   |                               |  |                              |                                      |                                      |
| Sphere              |                         |             |   |                               |  |                              |                                      |                                      |
| Cone                |                         |             |   |                               |  |                              |                                      |                                      |
| Truncated Cone      |                         |             |   |                               |  |                              |                                      |                                      |
| Triangular Prism    |                         |             |   |                               |  |                              |                                      |                                      |
| Tetrahedron         |                         |             |   |                               |  |                              |                                      |                                      |

| SHAPE CARD          | PROPERTIES   |                                 |   |                                    |                                 |   |                               |  |
|---------------------|--|---------------------------------|---|------------------------------------|---------------------------------|---|-------------------------------|--|
|                     | I have at least 2 edges that are perpendicular to each other | All of my surfaces are polygons | I have at least one face (flat Surface) | I have at least one curved surface | I have at least one curved edge | 1 pair of faces that are parallel to each other | All of my faces are triangles | I have at least 2 edges that are perpendicular to each other |
| Rectangular Prism   |  |                                 |   |                                    |                                 |   |                               |  |
| Triangular Prism    |  |                                 |   |                                    |                                 |   |                               |  |
| Cylinder            |  |                                 |   |                                    |                                 |   |                               |  |
| Rectangular Pyramid |  |                                 |   |                                    |                                 |   |                               |  |
| Cylinder            |  |                                 |   |                                    |                                 |   |                               |  |
| Cube                |  |                                 |   |                                    |                                 |   |                               |  |
| Hexagonal Prism     |  |                                 |   |                                    |                                 |   |                               |  |
| Sphere              |  |                                 |   |                                    |                                 |   |                               |  |
| Cone                |  |                                 |   |                                    |                                 |   |                               |  |
| Truncated Cone      |  |                                 |   |                                    |                                 |   |                               |  |
| Triangular Prism    |  |                                 |   |                                    |                                 |   |                               |  |
| Tetrahedron         |  |                                 |   |                                    |                                 |   |                               |  |