**Symmetry – Reflective and Rotational – Mathematical Shapes**

Describe the symmetry of the mathematical shapes below, drawing on lines of symmetry where necessary and giving the order of rotational symmetry:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Shape | Reflective | Rotational |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |

**Symmetry – Reflective and Rotational – Other Shapes**

Describe the symmetry of the shapes below, drawing on lines of symmetry where necessary and giving the order of rotational symmetry:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Shape | Reflective | Rotational |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |

**Drawing a Symmetrical Diagram**

Complete the diagrams below given their properties of symmetry:

|  |  |
| --- | --- |
| **Question** | **Shape** |
| Shade three more squares to create a shape with one line of symmetry:  |  |
| Shade three more squares to create a shape with rotational symmetry order 2: |  |
| Shade four more triangles to create a shape with three lines of symmetry: |  |
| Shade six more triangles to create a shape with rotational symmetry order 3: |  |