**Shape Tree Diagram**

**Write the correct shape name in the empty boxes of the tree diagram.**

**Shapes to sort**

|  |  |  |  |
| --- | --- | --- | --- |
| **Circle** | **Square** | **Equilateral Triangle** | **Pentagon** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | Are there more than 3 edges? | | | | | |  | |
| N  Y | | | | | | | | | | |
| Are any of the edges parallel? | | | |  | | | Are there 3 vertices? | | | |
| N  N  Y  Y | | | | | | | | | | |
|  |  |  | | |  |  | |  | |  |

**Shape Tree Diagram**

**Write the correct shape name in the empty boxes of the tree diagram.**

**Shapes to sort**

|  |  |  |  |
| --- | --- | --- | --- |
| **Circle** | **Square** | **Equilateral Triangle** | **Pentagon** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | |  | | | | | |  | |
| N  Y | | | | | | | | | | |
|  | | | |  | | |  | | | |
| N  N  Y  Y | | | | | | | | | | |
|  |  |  | | |  |  | |  | |  |

**Shape Tree Diagram**

**Write the correct shape name in the empty boxes of the tree diagram.**

**Shapes to sort**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Circle** | **Square** | **Equilateral Triangle** | **Pentagon** | **Hexagon** | **Octagon** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | Are there more than 4 edges? | | | | | | | | | |  | |
| N  Y | | | | | | | | | | | | | | | | |
| Are any edges parallel? | | | | | | | | | |  | Are any of the edges perpendicular? | | | | | |
| N  N  Y  Y | | | | | | | | | | | | | | | | |
| Are there 6 lines of symmetry?  N | | |  |  | | |  | | Y | | | |  | Are there 3  vertices? | | |
| Y  N | | | | | | | | | | | | | | | | |
|  |  |  | | | |  | |  | | | |  | | |  |  |

**Shape Tree Diagram**

**Write the correct shape name in the empty boxes of the tree diagram.**

**Shapes to sort**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Circle** | **Square** | **Equilateral Triangle** | **Pentagon** | **Hexagon** | **Octagon** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | |  | | | | | | | | | |  | |
| N  Y | | | | | | | | | | | | | | | | |
|  | | | | | | | | | |  |  | | | | | |
| N  N  Y  Y | | | | | | | | | | | | | | | | |
| Y |  | |  | | | |  |  | | | | |  |  | | |
| Y  N  N | | | | | | | | | | | | | | | | |
|  | |  | |  | |  | | |  | | |  | | |  |  |

**Shape Tree Diagram**

**Write the correct shape name in the empty boxes of the tree diagram.**

**Shapes to sort**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Circle** | **Square** | **Isosceles Triangle** | **Pentagon** | **Irregular Hexagon** | **Trapezium** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | Is the shape regular? | | | | | | | | |  | | |
| N  Y | | | | | | | | | | | | | | | | |
| Are any of the edges perpendicular? | | | | | | | | |  | Are there 2 lines of symmetry? | | | | | | |
| N  N  Y  Y | | | | | | | | | | | | | | | | |
| Y |  | | Are there 5  vertices? | | | |  |  | | | |  | Are any of the edges parallel? | | | |
| Y  N  N | | | | | | | | | | | | | | | | |
|  | |  | |  | |  | | | | |  | | | |  |  |

**Shape Tree Diagram**

**Write the correct shape name in the empty boxes of the tree diagram.**

**Shapes to sort**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Circle** | **Square** | **Isosceles Triangle** | **Pentagon** | **Irregular Hexagon** | **Trapezium** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | |  | | | | | | | | |  | | |
| N  Y | | | | | | | | | | | | | | | | |
|  | | | | | | | | |  |  | | | | | | |
| N  N  Y  Y | | | | | | | | | | | | | | | | |
| Y |  | |  | | | |  |  | | | |  |  | | | |
| Y  N  N | | | | | | | | | | | | | | | | |
|  | |  | |  | |  | | | | |  | | | |  |  |

**semi-circle hexagon pentagon rectangle square triangle**