## Plane Geometric Figures Sorting Chart

**Name: Date:**

Directions: Look carefully at each figure from the bag. Mark with an X all the boxes that apply to each figure. Based on the completed chart, answer the questions that follow.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **FIGURE** | **No sides** | **Three sides** | **Four sides** | **At least one right angle** | **All sides equal** | **Opposite sides equal** |
| **A** |  |  |  |  |  |  |
| **B** |  |  |  |  |  |  |
| **C** |  |  |  |  |  |  |
| **D** |  |  |  |  |  |  |
| **E** |  |  |  |  |  |  |
| **F** |  |  |  |  |  |  |
| **G** |  |  |  |  |  |  |
| **H** |  |  |  |  |  |  |
| **I** |  |  |  |  |  |  |
| **J** |  |  |  |  |  |  |
| **K** |  |  |  |  |  |  |

1. A figure with no sides or line segments is called a/an .

2. A figure with three sides is called a/an .

3. Can a figure with three sides have a right angle?

4. A figure with four equal sides and four right angles is called a/an .

5. A figure with four right angles and opposite sides equal is called a/an .

6. How are figures A and I similar? .

7. How are figures A and I different? .

## Plane Geometric Figures

To be copied on card stock, cut out, and placed into paper bags for group sorting

**A**

**I**

**C**

**G**

**D**

**J**

**H**

**B**

**K**