CBSE Worksheet-1
CLASS –VII Mathematics (Symmetry)

1. The angle by which the object rotates is called the _____.
2. In a complete turn (of 360°), the number of times an object looks exactly the same is called _____.
3. State true of false: A square has a rotational symmetry of order 4.
4. If a figure has two or more lines of symmetry, should it have rotational symmetry of order more than 1? Give one example.
5. How many lines of symmetry are there in a circle?
6. How many lines of symmetry are there in a regular hexagon?

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CLASS –VII Mathematics (Symmetry)

Answer Key

1. angle of rotation

2. the order of rotational symmetry

3. True

4. Yes. An equilateral triangle has three lines of symmetry and its order of rotational symmetry is 3.

5. A circle has unlimited number of lines of symmetry.

6. Six