

**BHARATIYA VIDYA BHAVAN'S V.M.PUBLIC SCHOOL, VADODARA**  
**SESSION 2017-18**  
**Question bank**  
**Chapter 16. Symmetry**

**Q1. Fill in the blanks**

- a) The line of symmetry is also called the \_\_\_\_\_(axis/ray) of symmetry.
- b) An isosceles triangle has \_\_\_\_\_(one/ two/ many/ no) lines of symmetry.
- c) A line of symmetry divides an object or a shape into \_\_\_\_\_(one/two) equal parts.
- d) A kite shaped figure has \_\_\_\_\_(one/two/many/no) lines of symmetry.
- e) An object and its image are \_\_\_\_\_(symmetrical/similar) with respect to the mirror line.

Q2. State how many lines of symmetry are there for the following?

- a) an equilateral triangle
- b) a circle

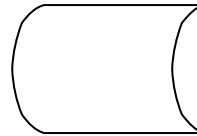
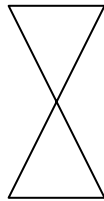
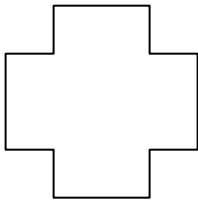
Q3. Draw a triangle which has

- a) one line of symmetry
- b) no lines of symmetry

Q4. Name the letters of English alphabet which look the same after reflection.

Q5. Construct a semi circle and show all possible lines of symmetry to it.

Q6. Draw all the lines of symmetry for the figures below



Q7. How many lines of symmetry does each of the following have

- a) **B**
- b) **Z**
- c) **O**

Q8. Give any five examples where concept of symmetry is used in every day life.

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