

1. Give the numbers of lines of symmetry for:

- (a) An equilateral Triangle (b) A rectangle (c) A square
(d) A regular pentagon (e) A regular polygon (f) A circle

2. Name the letters of English alphabet which:

- (a) Have no line of symmetry
(b) Have only vertical lines of symmetry
(c) Have only horizontal lines of symmetry
(d) Have both horizontal and vertical lines of symmetry.

3. List any four symmetrical objects from your home.

4. Sketch a regular figure in each case:

- (a) A triangle with no line of symmetry (also name the triangle)
(b) A triangle with only one line of symmetry (also name the triangle)
(c) A quadrilateral with horizontal line of symmetry but no vertical line of symmetry.
(d) A hexagon with exactly two lines of symmetry.

5. Write five English alphabet which look the same after reflection.