

I. Answer the following:

5x3=15

1. Draw the following figures along with the line of symmetry. Square, rhombus.

2. Fill in the blanks:

Shape	Order of Rotation	Angle of rotation
Rectangle	_____	_____
Equilateral triangle	_____	_____
Semi circle	_____	_____

3. a) Name any one quadrilateral which has more than one line of symmetry.

b) What is the other name can you give to the line of symmetry of a circle?

4. Solve: $\frac{m}{2} + 5 = 7$

5. Solve: $6(t - 2) = (-5)$

II. Answer in one word:

5x1=5

6. State the number of line(s) of symmetry for a scalene triangle.

7. Give any one English alphabet which has reflectional symmetry about a vertical mirror.

8. Rotation, like movement of the hands of a clock is called a _____ rotation.

9. A full turn means a rotation of _____.

10. The number of lines of symmetry of a regular pentagon is _____.