



# SNS academy

an International CBSE Finger Print School  
Coimbatore



Name :

Date :

Grade : IV

Worksheet

Submission Date :

Subject : Math

Parent's sign :

## Shapes Around Us

### I. Choose the correct answer.

1. Which of the following figures represents concentric circles?

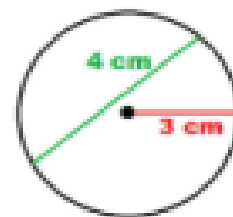


2. Which of the following figures represents a circle with a chord?  
chord?



3. If the radius of a circle is 4 cm, then its diameter will be \_\_\_\_\_.

a. 2                      b. 4                      c. 8                      d. None of the above



4. What is the diameter of the circle shown in the figure?

a. 4 cm                      b. 3 cm                      c. 7 cm                      d. None of the above

5. Concentric circles are the circle having \_\_\_\_\_.

6. How many lines of symmetry does a rectangle have?






- a. 4                      b. 2                      c. 1                      d. 0

7. Identify the number of lines of symmetry in the given figure.



- a. 3                      b. 2                      c. 1                      d. Asymmetric

## II. Match the following:

Column A	
1.	
2.	
3.	
4.	
5.	

Column B	
a.	Rectangle
b.	Not a Polygon
c.	Regular Triangle
d.	Irregular Triangle
e.	Quadrilateral

## III. Do as directed.

1. Construct a circle of 8 cm diameter and draw a regular pentagon such as the vertices of the pentagon lie on the circle. Measure and write the side of the drawn pentagon.
2. Construct a polygon with 8 lines of symmetry.
3. Draw two shapes having only one line of symmetry.
4. Construct a shape which can have an infinite number of lines of symmetry.