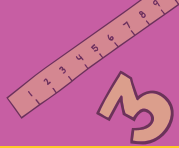


$1+1=$

# 7

$1+1=2$



$1+2=3$

# 123

## Lines and Angles

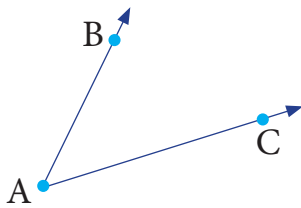
**Q1. Use divider to compare the lengths and tick the longer line segment.**

a. \_\_\_\_\_

b. \_\_\_\_\_

**Q2. Draw a line segment 4cm long. Mark a point P on the line segment.**

**Q3. Name the angle, arms and vertex of the angle in the given figure:**

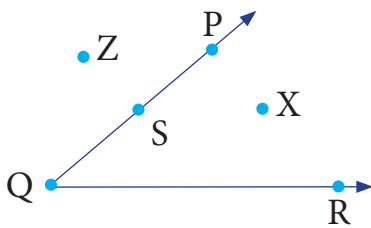


Angle: \_\_\_\_\_

Arms: \_\_\_\_\_

Vertex: \_\_\_\_\_

**Q4. Look at the figure carefully and name a point in the interior and exterior of the given angle:**



a. Point in the interior of the angle: \_\_\_\_\_

b. Point in the exterior of the angle: \_\_\_\_\_

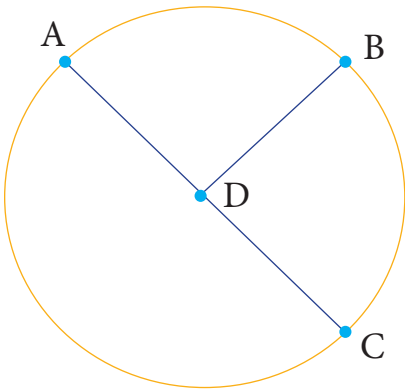
**Q5. Give one word for:**

a. Boundary of a circle : \_\_\_\_\_

b. Distance between the centre of the circle and the circumference : \_\_\_\_\_

- c. Divides the circle into two equal semi-circles : \_\_\_\_\_  
 d. The point where all the diameters intersect : \_\_\_\_\_

**Q6. Look at the figure given below and name the following:**



- a. Centre of the circle : \_\_\_\_\_  
 b. Radius : \_\_\_\_\_  
 c. Diameter : \_\_\_\_\_

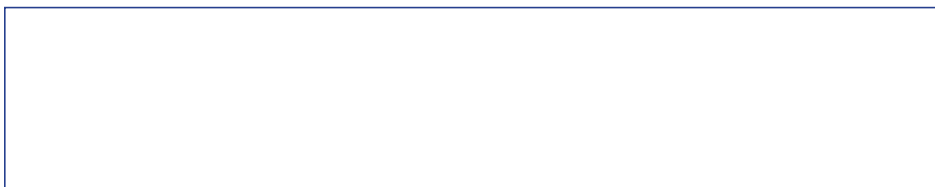
**Q7. In a class test Raj was asked to draw a circle of diameter 8 cm. He measured 8 cm using his compass and drew a circle. Was Raj correct, Yes or No? Give reason for your answer.**

Answer: \_\_\_\_\_

**Q8. Complete the following tiling pattern upto 8 blocks:**

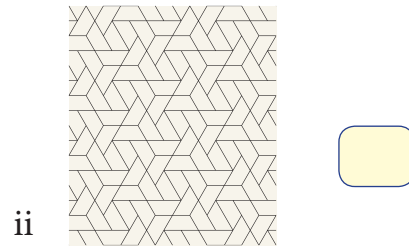
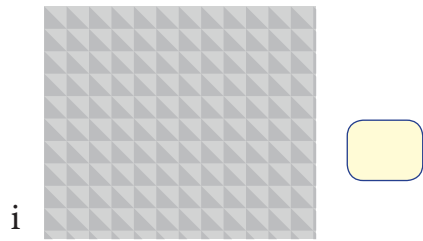


**Q9. Draw a tiling pattern using squares and triangles.**

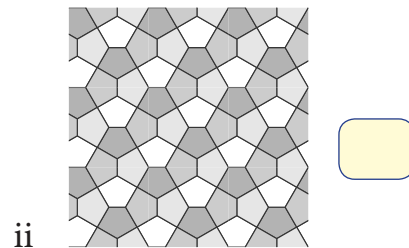
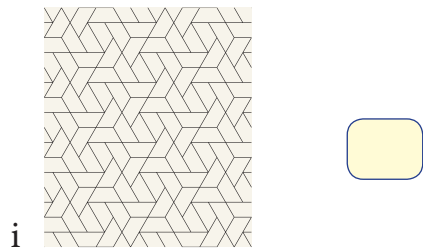


**Q10. From the following pattern tick the one that makes use of:**

a. Only triangles:



b. Only hexagons:



**Q11. Draw the reflections of the following alphabets to make symmetries:**



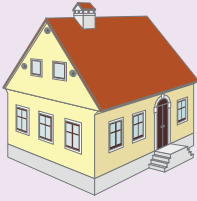


**Q12. Draw the line of symmetry in the following if possible:**



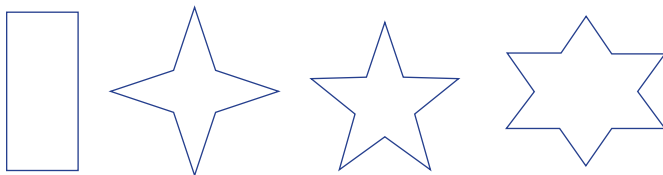
**Q13. Out of the following English alphabets two alphabets have more than one line of symmetry. Draw two lines of symmetry for both these alphabets.**

**H S W O**

**Q14. Identify the front and side view, front view and side view of this house:**

Front View	
Front and side View	
Side View	

**Q15. Which of these have 4 lines of symmetry? Draw them.**



## ANSWERS

1. (b)



3.  $\angle BAC$ , Arms:  $\overrightarrow{AB}$  and  $\overrightarrow{AC}$ , Vertex: A

4. a. Point X

b. Point Z

5. a. Circumference

b. Radius

c. Diameter

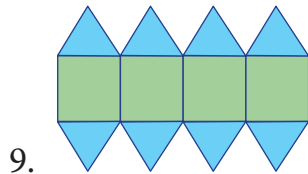
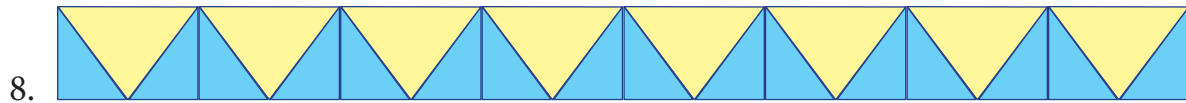
d. Centre

6. a. D

b. BD/AD/DC

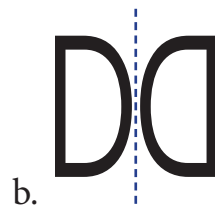
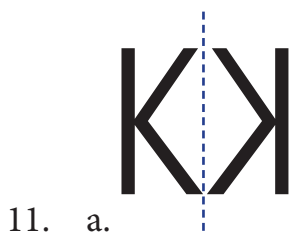
c. AC

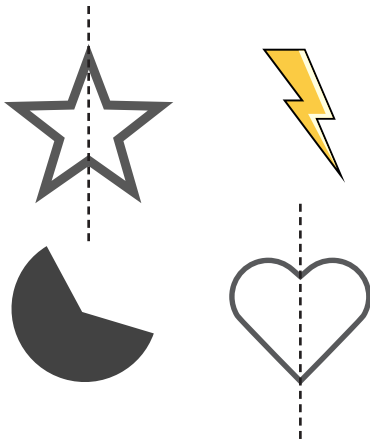
7. No, Radius should be 4cm.



10. a. (i)

b. (ii)



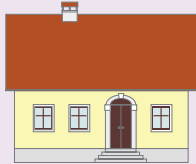




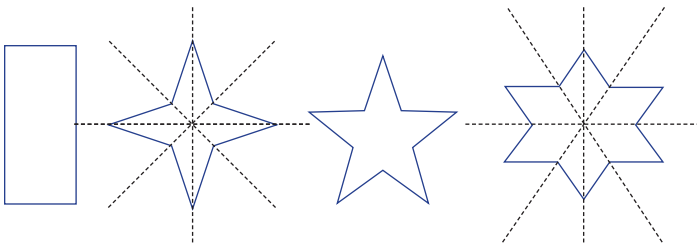
12.



13.

14.

<p>Front View</p>	
<p>Front and side View</p>	
<p>Side View</p>	



15.