



Name :.....

Date:.....


**A. Choose the correct answers.**

1. The number of lines of symmetry that can be drawn for a circle is

- a. one                      b. uncountable                      c. two                      d. ten

2. Which among these is a net of a square pyramid?

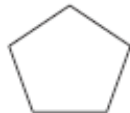
- a.       b.       c.       d. 

3. The top view of the solid  is

- a.       b.       c.       d. 

**B. Do as directed.**

1. Draw the lines of symmetry for the given shape.



2. Draw the rotation of the given figure by a quarter turn.



**C. Complete the patterns.**

1. 12, 25, 39, 54, \_\_\_\_\_, \_\_\_\_\_

2. 40, 32, 24, \_\_\_\_\_, \_\_\_\_\_


3. 1, 4, 9, 16, \_\_\_\_\_, \_\_\_\_\_

**D. Answer the question.**

Identify 5 symmetrical letters of the English alphabet and draw their lines of symmetry.

--

**E. Draw the top, front and side views of the given solid.**

			
---	--	--	--

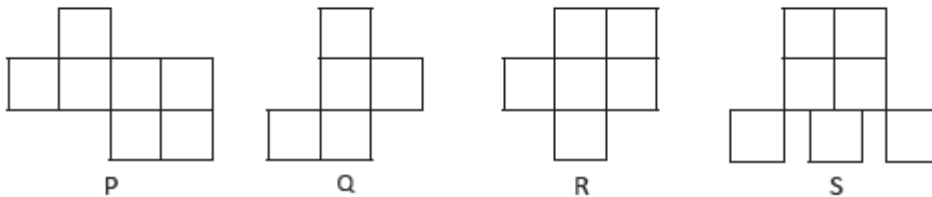
Fill in the blanks.

- The line along which a shape can be folded into two exact halves, is called the line of \_\_\_\_\_.
- A \_\_\_\_\_, when turned by a quarter turn looks the same.
- The unfolded flat shape of a solid is called the \_\_\_\_\_ of the solid.
- A rectangle has \_\_\_\_\_ lines of symmetry.
- A floor plan is the \_\_\_\_\_ view of the house.

2. Which of the following figures is symmetrical?



3. Which of the following figures do not have a line of symmetry?

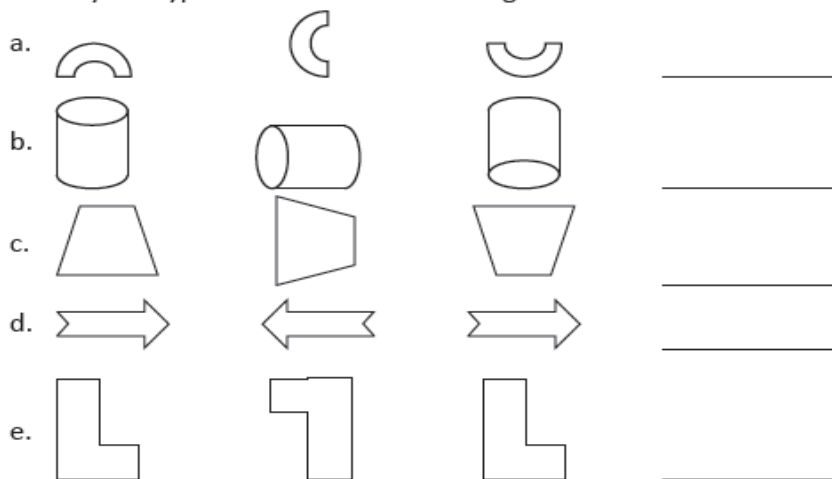


4. Identify the symmetrical figures and mark the line of symmetry.

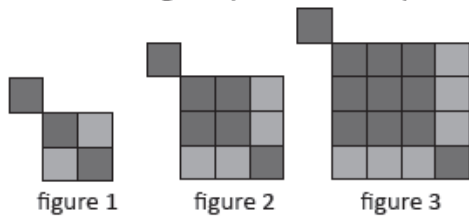


5. Draw a house. Turn it by half turn and draw what it will look like.

6. The patterns below have been created by turning the shapes to either quarter turn or half turn. Identify the type of turns and draw the figure that will come next.



7. Observe the given pattern. If the pattern continues, how many squares would be there in figure 4?



8. Observe the pattern and draw the image that will come next.



9. Draw the net of a cone.

10. Draw the net of a cuboid.