Line	of Symmetry	
A. Choose the Correct Answer:		
1. How many lines of symmetry	does a regular hexagon have?	
a) 2	b) 3	
c) 6	d) 8	
2. A line of symmetry is also kno	wn as a:	
a) Borderline	b) Mirror line	
c) Edge	d) Fold line	
3. Which of the following figures	b) Circle	
c) Scalene triangle	d) Square	
4 What is common in the symm	etry of square circle and regular triangle	•2
a) One line of symmetry	b) No line of symmetry	- •
c) Infinite lines of symmetry	d) More than one line of symmetry	
5. Which letter of the English alp	habet has a horizontal line of symmetry	?
a) E	b) T	
c) B	d) P	
B. Write the Missing Terms to Co	mplete the Sentences:	
1. A line that divides a figure into	two equal mirror halves is called a	
2. A regular pentagon has	_ lines of symmetry.	
3. The English alphabet 'X' has	lines of symmetry.	
4. A line of symmetry can be	,, or slanted depending on the	shape
5. A shape with no line of symme	try is called	
C. Mark each sentence with a Tru	e (✔) or False (Ⅹ):	
1. A line of symmetry must alway	vs be vertical.	
All regular polygons have as n of sides.	nany lines of symmetry as their number	
3. The number 3 has a line of sym	nmetry.	
4. The letter 'O' has more than or	ne line of symmetry.	

D. Figure out the answers to these questions:

- 1. Draw a rectangle and show all of its lines of symmetry.
- 2. Write the number of lines of symmetry in the following shapes: square, equilateral triangle, circle.
- 3. Make a list of any 5 objects at home that show line symmetry.
- 4. Observe the given figure (provide a figure in workbook/worksheet). Count and mark all lines of symmetry.
- 5. Can a figure have both vertical and horizontal lines of symmetry? Give two examples.

E. Challenge yourself with these questions:

- 1. Compare the lines of symmetry in a square and a rectangle. Which has more and why?
- 2. Create any figure using only triangles and draw a line of symmetry through it.
- 3. Fold a paper and cut a star. When unfolded, how does symmetry appear? Describe.
- 4. Observe a butterfly and draw its line of symmetry.
- 5. Is it possible for a figure to have only diagonal lines of symmetry? Think and explain.

F. Trace each of the following figures and draw the line of symmetry, if any:



G. Find the number of lines of symmetry in each of the following shapes:

