Reflecting Shapes (Symmetry)

A. Choose the correct answer:	
1. A figure is said to have symmetr	y when
a. it has only curved lines	b. both halves are equal
c. it is colorful	d. it has more than 3 sides
2. Which of the following shapes h	as symmetry
a. a triangle with all equal sides	b. a banana
c. a stick	d. a line
3. How many lines of symmetry do	es a square have
a. 1	b. 2
c. 4	d. 6
4. Which letter has a vertical line of symmetry	
a. C	b. A
c. L	d. R
5. A mirror placed along the line of symmetry shows	
a. a different shape	b. a bigger shape
c. a reflected same shape	d. a broken shape
B. Write the Missing Terms to Com	plete the Sentences:
1. A shape has symmetry if it can be into two equal halves	
2. A circle has lines of symmetry	
3. The line that divides a figure into	equal halves is called the line of
4. A rectangle has lines of symmetry	
5. A shape and its mirror image lool	k
C. Mark each sentence with a True	(✔) or False (X):
1. All shapes have lines of symmetry	
2. A line of symmetry divides a shape into two equal parts	
3. The letter M has a vertical line of	symmetry

- 4. A circle has only one line of symmetry
- 5. A triangle with all equal sides has symmetry

D. Figure out the answers to these questions:

- 1. Draw a heart shape and show its line of symmetry.
- 2. Write the names of three shapes that have more than one line of symmetry.
- 3. Find the line of symmetry in the letters A, B, C, D, E.
- 4. Look at any shape in your classroom and say whether it has symmetry or not. Explain why.

E. Challenge yourself with these questions:

- 1. Draw and label three shapes with lines of symmetry.
- 2. Write the name of one object at home that shows symmetry.
- 3. Can a shape have more than one line of symmetry Give two examples.
- 4. Fold a square paper and cut it. What do you observe.
- 5. Is the letter H symmetrical Draw and check.