Mathematics

Exercise 13.1

Question 1:

List any four symmetrical from your home or school.
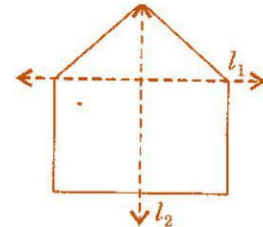
🍃 **Answer 1:**

Notebook, Blackboard, Glass, Inkpot.

Question 2:

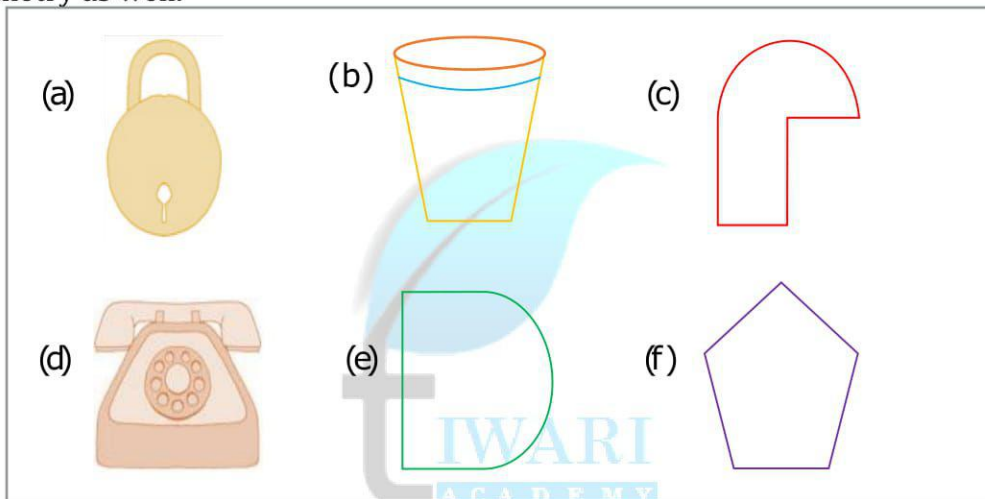For the given figure, which one is the mirror line, l_1 or l_2 ?

🍃 **Answer 2:**

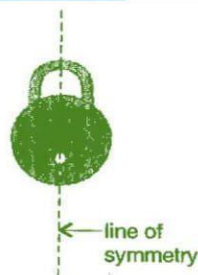l_2 is the mirror line as both sides of the lines are symmetric.

Question 3:

Identify the shapes given below. Check whether they are symmetric or not. Draw the line of symmetry as well.
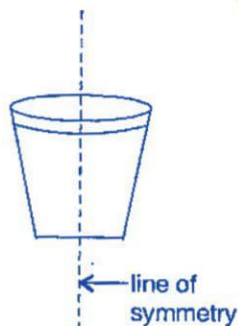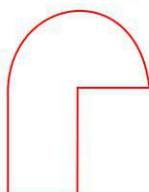
(a)　　　(b)　　　(c)

(d)　　　(e)　　　(f)

🍃 **Answer 3:**

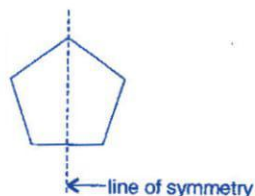(a) Symmetric

← line of symmetry

(b) Symmetric

← line of symmetry

(c) Not symmetric

(d) Symmetric

line of symmetry

(e) Symmetric

line of symmetry
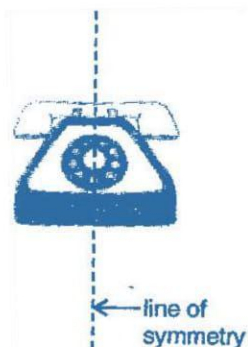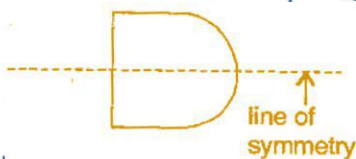
(f) Symmetric

line of symmetry

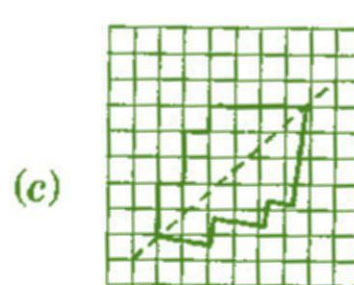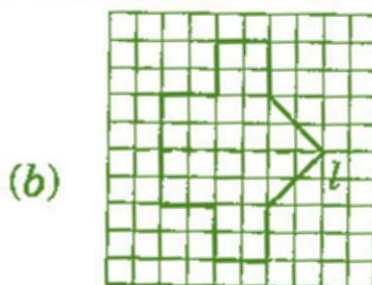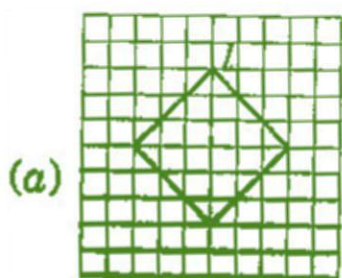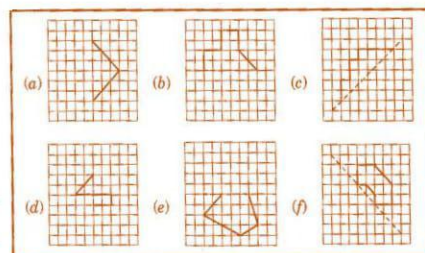## Question 4:
Copy the following on a square paper. A square paper is what you would have used in your arithmetic notebook in earlier classes. Then complete them such that the dotted line is the line of symmetry.

Answer 4:
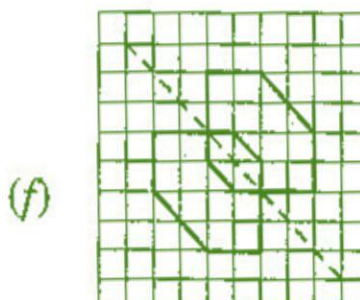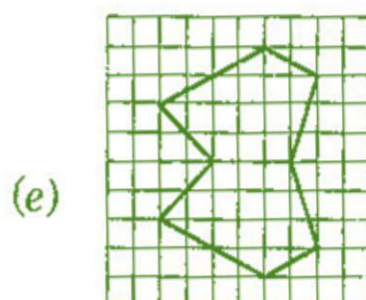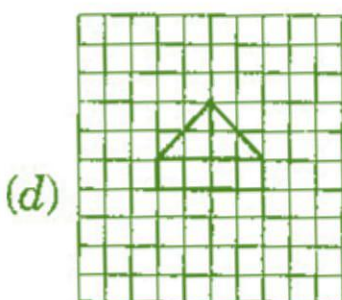
(a)

(b)
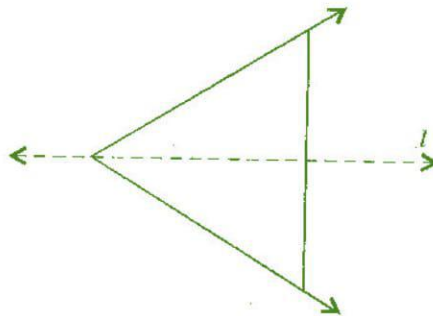
(c)

(d)

(e)

(f)

Question 5:

In the figure, *l* is the line of symmetry. Complete the diagram to make it symmetric.
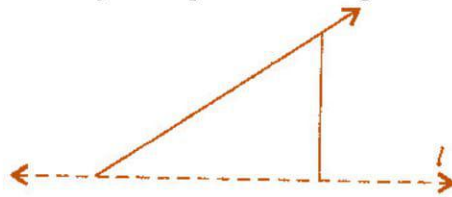
Answer 5:

Question 6:

In the figure, *l* is the line of symmetry. Draw the image of the triangle and complete the diagram, so that it becomes symmetric.

Answer 6: