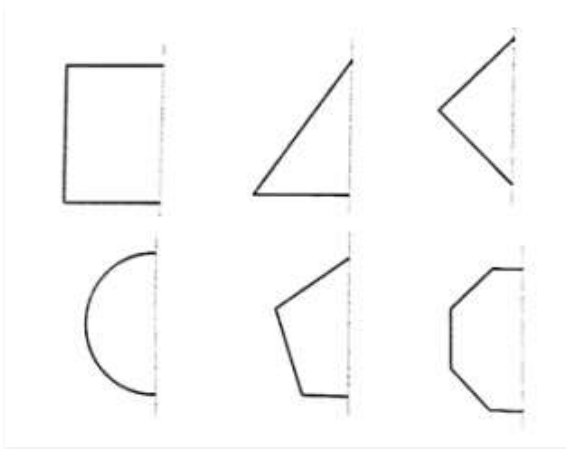# RD SHARMA

Solutions

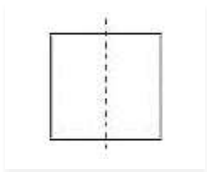## Class 7 Maths

Chapter 18

Ex   18.2

Q1. In the following figures, the mirror line (i.e. the line of symmetry) is given as dotted line. Complete each figure performing reflection in the dotted (mirror) line. Also, try to recall name of the complete figure.
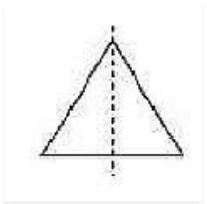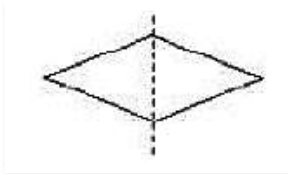

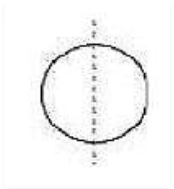*Ans:*

(a)it will be a rectangle.
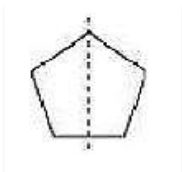

(b) It will be a triangle.
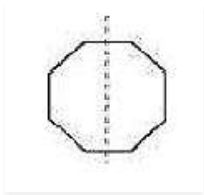

(c) It will be a rhombus.

(d) It will be a circle.
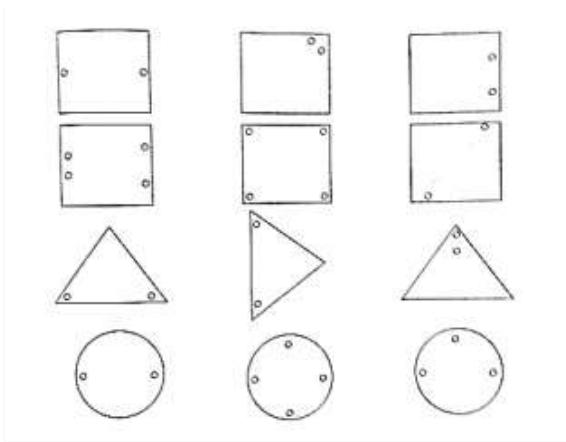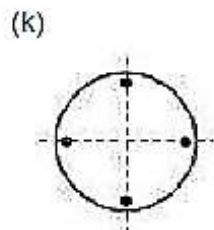

(e) It will be a pentagon.

(f) It will be an octagon.

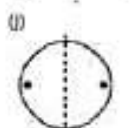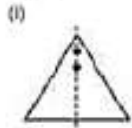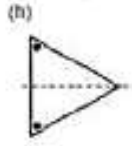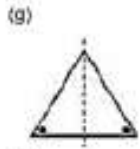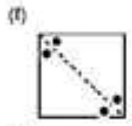**Q2: Each of the following figures shows paper cuttings with punched holes. Copy these figures on a plane sheet and mark the axis of symmetry so that if the paper is folded along it, then the wholes on one side of it coincide with the holes on the other side.**
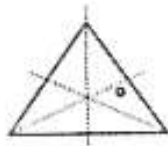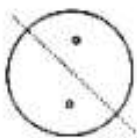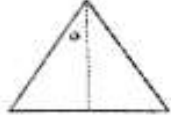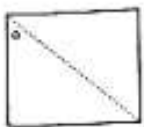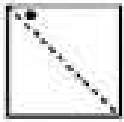

Ans:

The lines of symmetry in the given figures are as follows:

(f)

(g)

(h)

(I)

(j)

(k)

(l)
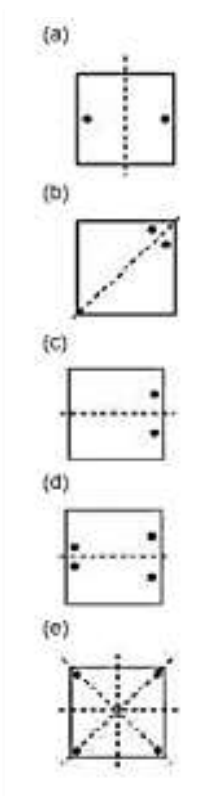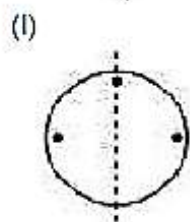
Q3. In the following figures if the dotted lines represent the lines of symmetry, find the other hole (s).
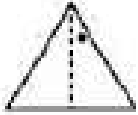
Ans:

The other holes in the figure are as follows:

(a)

(b)

(c)

(d)

(e)

(f)