

CHAPTER – 12 Symmetry | CLASS 7TH MATHS

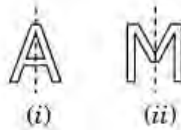
IMPORTANT QUESTIONS

Important Questions

Question 1.

Draw any two English alphabets having an only a vertical line of symmetry.

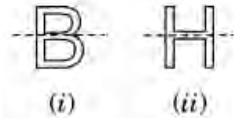
Solution:



Question 2.

Draw any two English alphabets having a horizontal line of symmetry.

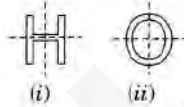
Solution:



Question 3.

Draw any two English alphabets having both horizontal and vertical line of symmetry.

Solution:



Question 4.

Draw any two English alphabets which has no line of symmetry.

Solution:

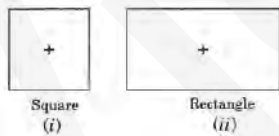


Question 5.

Draw any two figures which have the order of rotational symmetry

4.

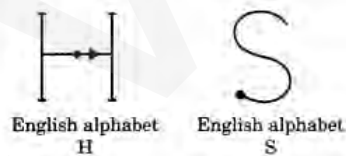
Solution:



Question 6.

Draw any two figures which have the order of rotational symmetry 2.

Solution:



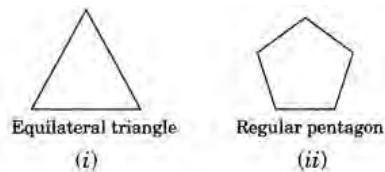
Question 7.

State the order of rotational symmetry of the following figures.

Solution:

(i) Order of equilateral triangle = 3

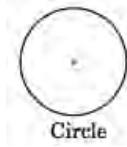
(ii) Order of regular pentagon = 5.



Question 8.

Draw a figure having an infinite number of lines of symmetry.

Solution:



A circle has the infinite number of lines of symmetry.

Question 9.

Draw any two figure having no lines of symmetry.

Solution:

English alphabet R and P have no lines of symmetry.

Question 10.

State the English alphabet which has only the horizontal line of symmetry.

Solution:

B, C, D, E, H, I, O, X and K are the English alphabets having an only horizontal line of symmetry.