

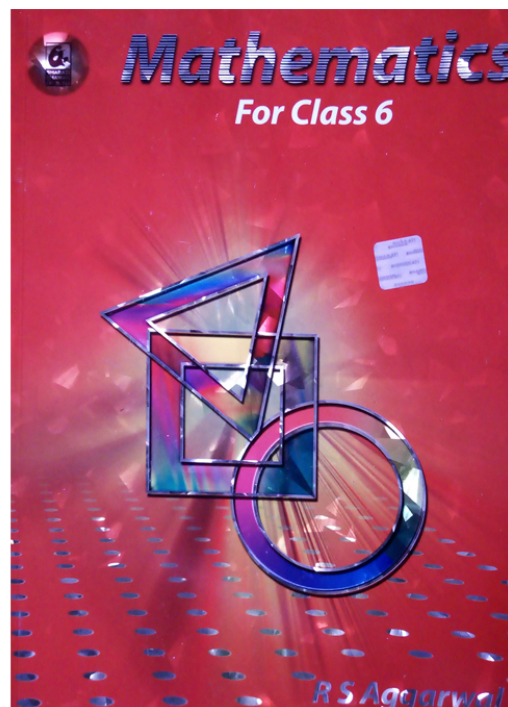
RS Aggarwal Solutions for Class 6 Maths

Chapter 20–Two-Dimensional Reflection

Symmetry (Linear Symmetry)

Class 6 - Chapter 20

Two-Dimensional Reflection Symmetry (Linear Symmetry)



For any clarifications or questions you can write to info@indcareer.com

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RS Aggarwal Solutions for Class 6 Maths Chapter 20–Two-Dimensional Reflection Symmetry (Linear Symmetry)

Class 6: Maths Chapter 20 solutions. Complete Class 6 Maths Chapter 20 Notes.

RS Aggarwal Solutions for Class 6 Maths Chapter 20–Two-Dimensional Reflection Symmetry (Linear Symmetry)

RS Aggarwal 6th Maths Chapter 20, Class 6 Maths Chapter 20 solutions

Mark against the correct answer in each of Q. 1 to Q. 8.

Question 1.

Solution:

(d) \therefore A square has four lines of symmetry, two diagonals and two lines joining the mid-points of opposite sides.

Question 2.

Solution:

(c) \therefore A rectangle has two lines of symmetry, each one of which being the line joining of mid-points of opposite sides.

Question 3.

Solution:

(b) \therefore A rhombus has two lines of symmetry namely two diagonals.

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Question 4.**Solution:**

(d) Each diameter of a circle is its line of symmetry which are unlimited numbers.

Question 5.**Solution:**

(a) \therefore A scalene triangle has no line of symmetry.

Question 6.**Solution:**

(a) \therefore It is a figure of kite ; so AC is its line of symmetry.

Question 7.**Solution:**

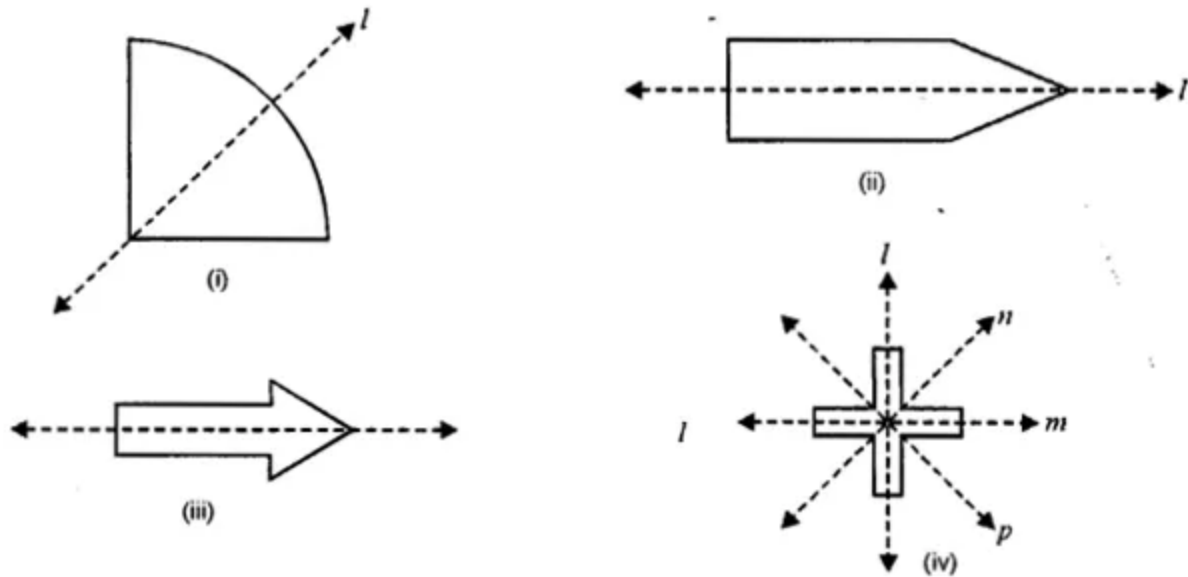
(c) \therefore Letter O has two lines of symmetry, one vertical and second horizontal

Question 8.**Solution:**

(a) \therefore Letter Z has no line of symmetry.

Question 9.**Solution:**

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Question 10.

Solution:

- (i) True (T) Parallelogram has no line of symmetry.
- (ii) True (T) Bisector of an angle of equal sides is the line of symmetry.
- (iii) True (T) Perpendiculars from each vertex's of an equilateral-triangle to its opposite side is its line of symmetry.
- (iv) False (F) Rhombus has two lines of symmetry which are its -diagonals.
- (v) True (T) Square has four lines of symmetry, two diagonals and two perpendicular bisectors of opposite sides.
- (vi) True (T) A rectangle has two lines of symmetry which are the perpendicular bisectors of its opposite sides.
- (vii) True (T) H, I, O and X has two lines of symmetry.

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- Chapter 2–Factors and Multiples
- Chapter 3–Whole Numbers
- Chapter 4–Integers
- Chapter 5–Fractions
- Chapter 6–Simplification
- Chapter 7–Decimals
- Chapter 8–Algebraic Expressions
- Chapter 9–Linear Equations in One Variable
- Chapter 10–Ratio, Proportion and Unitary Method
- Chapter 11–Line Segment, Ray and Line
- Chapter 12–Parallel Lines
- Chapter 13–Angles and Their Measurement
- Chapter 14–Constructions (Using Ruler and a Pairs of Compasses)
- Chapter 15–Polygons
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He was born on January 2, 1946 in a village of Delhi. He graduated from Kirori Mal College, University of Delhi. After completing his M.Sc. in Mathematics in 1969, he joined N.A.S. College, Meerut, as a lecturer. In 1976, he was awarded a fellowship for 3 years and joined the University of Delhi for his Ph.D. Thereafter, he was promoted as a reader in N.A.S. College, Meerut. In 1999, he joined M.M.H. College, Ghaziabad, as a reader and took voluntary retirement in 2003. He has authored more than 75 titles ranging from Nursery to M. Sc. He has also written books for competitive examinations right from the clerical grade to the I.A.S. level.

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