

St.Andrews Scots School

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Session: 2025 - 26

Worksheet

Class:VI	Subject:Mathematics	Topic: Symmetry	Worksheet 17
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Q1. A line segment is symmetrical about its:

- a) Perpendicular bisector b) Angle bisector c) end points d) none of these

Q2. The letter D is symmetrical with:

- a) Three lines of symmetry b) Two lines of symmetry
c) One line of symmetry d) none of these

Q3. An isosceles triangle has _____ axis of symmetry

- a) 1 b) 2 c) 3 d) 4

Q4. Linear symmetry and _____ are linked to each other.

- a) Reflection b) Rotation c) Translation d) none of these

Q5. A circle has _____ lines of symmetry.

- a) 5 b) 10 c) infinite d) none of these

Q6. Which of the following number has a horizontal and vertical line of symmetries.

- a) 1 b) 2 c) 8 d) 3

Q7. Which of the following letters does not have any line of symmetry?

- a) E b) Q c) T d) X

Q8. A semicircle has _____ lines of symmetry.

- a) 2 b) 3 c) 1 d) 4

Q9. Which shape has more than two lines of symmetry?

- a) Rectangle b) Square c) Triangle d) Parallelogram

Q10. The digit having only one line of symmetry is:

- a) 5 b) 2 c) 3 d) 7