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Sub: Algebra and Geometry	**Class: 7**	**Date: 27.07.20**
Duration: 40 min	**Worksheet 59**	**Full Marks: 15**
	Construction	

Choose the Correct options:

1. What does the word BISECT mean?
   - (a) To cut something into more than five pieces.
   - (b) It is a plane with two sets of wings.
   - (c) A shape that has three sides.
   - (d) To cut something into two congruent pieces or in half.

2. What is this construction?
   - (a) Angle Bisector
   - (b) Segment Bisector
   - (c) Creating Parallel Line
   - (d) Congruent Angle

3. What is this construction?
   - (a) Angle Bisector
   - (b) Line segment perpendicular to a given line through a given point on the line segment
   - (c) Line segment perpendicular to a given line through a given point not on the line segment
   - (d) Congruent Angle

4. What is this construction?
   - (a) Angle Bisector
   - (b) Line segment perpendicular to a given line through a given point on the line segment
   - (c) Line segment perpendicular to a given line through a given point not on the line segment
   - (d) Congruent Angle

5. What is this construction?
   - (a) Angle Bisector
   - (b) Line segment perpendicular to a given line through a given point on the line segment
   - (c) Line segment perpendicular to a given line through a given point not on the line segment
   - (d) Congruent Angle

6. What is this construction?
   - (a) Segment Bisector
   - (b) Line segment perpendicular to a given line through a given point on the line segment
   - (c) Line segment perpendicular to a given line through a given point not on the line segment
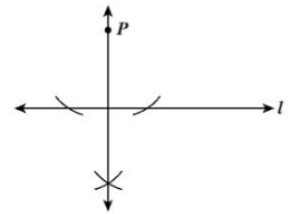   - (d) Congruent Segment

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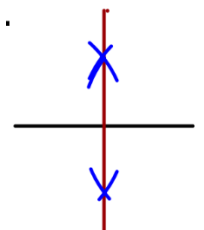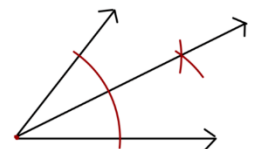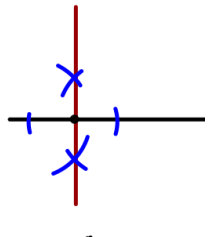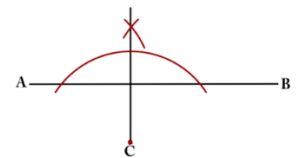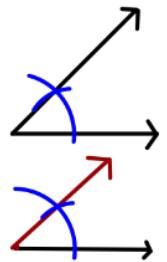
7. Which one is the correct construction for a perpendicular bisector?

1)

2)

3)

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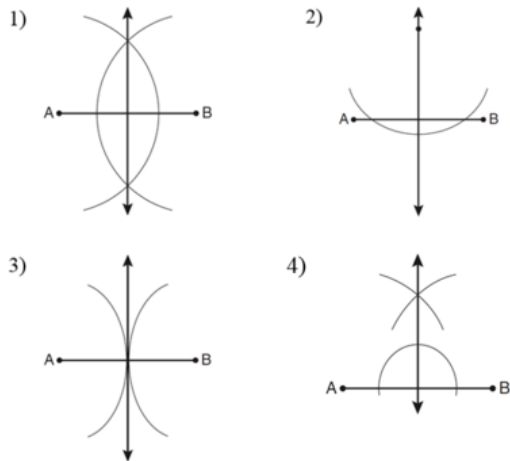
    (a) 1
    (b) 2
    (c) 3
    (d) 4

8. This construction forms a _____.
    (a) Perpendicular Bisector
    (b) Perpendicular Line from a point not on the line
    (c) Perpendicular Line from a point on the line
    (d) Line Segment

9. A figure formed by two rays, or sides, with a common endpoint
    (a) Length
    (b) Plane
    (c) Angle
    (d) degree

10. Marsha is using a straightedge and compass to do the construction shown. Which best describes the construction Marsha is doing?
    (a) a line through P parallel to line l
    (b) a line through P intersecting line l
    (c) a line through P congruent to line l
    (d) a line through P perpendicular to line l
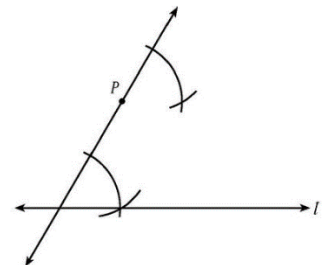
11. Lines in the same plane that do not intersect.
    (a) Plane
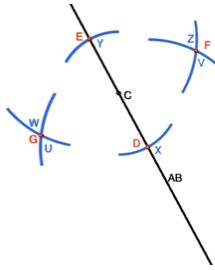   (b) parallel lines
    (c) line
    (d) perpendicular lines

12. An angle that measures exactly 90°
    (a) Acute Angle
    (b) Right Angle
    (c) Triangle
    (d) Straight Angle

13. An angle that measures greater than 0 degrees and less than 90 degrees.
    (a) Triangle
    (b) Acute Angle
    (c) Right Angle
    (d) Obtuse Angle

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14. What is this construction?

    (a) Perpendicular Bisector
    (b) Perpendicular Through Point Not On Line
    (c) Parallel Line Though Given Point
    (d) Perpendicular Line Through Point On Line

15. According to the diagram, this construction is:
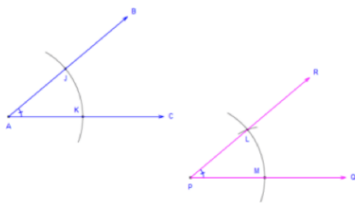
    (a) a segment bisector
    (b) a line perpendicular to a segment
    (c) both a segment bisector and a line perpendicular to a segment
    (d) neither

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