ST. LAWRENCE HIGH SCHOOL
A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Algebra Geometry   **Class: 7**   **Date: 20. 04.20**
Duration: 40 min   **Worksheet Solution-6**   **Full Marks: 15**
LINES AND ANGLES (CONTD.)

Choose the Correct options:

1. What is the measure of the complement of 54 degree?

A. 126
B. **36**
C. 46

2. What will be the measure of the supplement of 90 degree?

A. **90**
B. 100
C. 80

3. Two angles can be supplement if both of them are:

A. Acute angles
B. Obtuse angles
C. **Right angles**

4. What is the sum of the measures of two complementary angles?

A. **90**
B. 180
C. 360

5. The angle which is equal to its complement is ————-

A. 90
B. **45**
C. 180

6. The angle which is equal to its supplement is ————

A. 45
B. **90**
C. 180

7. If two adjacent angles are supplementary, they form a ————-

A. Vertically opposite angles
B. **Linear pair**
C. Intersecting lines

8. Two angles forming a linear pair are ————

A. Complementary
B. **Supplementary**
C. Reflex

9. When a transversal cuts two parallel lines, each pair of corresponding angles are ———

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A. **Equal**
B. Not equal
C. Opposite

10. If two parallel lines are cut by a transversal, then each pair of interior angles on the same side of the transversal are ————

A. Complementary
B. **Supplementary**
C. Reflex

11. The supplement of a right angle is always a —————

A. **Right angle**
B. Obtuse angle
C. Acute angle

12. The supplement of an acute angle is always ———-

A. Acute angle
B. **Obtuse angle**
C. Right angle

13. An angle is greater than 45 degree. Its complementary angle is ———-

A. greater than 45
B. equal to 45
C. **less than 45**

14. When two lines intersect, the ———- angles so formed are equal.

A. Acute
B. Reflex
C. **Vertical**

15. A line segment has ——— end points.

A. One
B. **Two**
C. Three

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