

St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi –110092

Session: 2022-2023 – Worksheet

Class: VII	Subject: Mathematics	Topic: Lines and Angles	Worksheet no-1
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Multiple Choice Questions

Question 1.

The measure of the complement of the angle 40° is

- (a) 15°
- (b) 40°
- (c) 50°
- (d) 140°

Question 2.

When the sum of the measures of two angles is 90° , the angles are called

- (a) adjacent angles
- (b) complementary angles
- (c) vertically opposite angles
- (d) supplementary angles

Question 3.

Which of the following pairs can form a linear pair?

- (a) Pair of complementary angles
- (b) Pair of supplementary angles
- (c) Pair of adjacent angles
- (d) Pair of vertically opposite angles

Question 4.

If a transversal intersects two parallel lines then the interior angles on the same side of the transversal are

- (a) vertically opposite angles
- (b) supplementary angles
- (c) complementary angles
- (d) alternate angles

Question 5.

The sum of two complementary angles is:

- (a) 90°
- (b) 180°
- (c) 360°
- (d) Any angle between 180° and 360°

Question 6.

The sum of two supplementary angles is:

- (a) 90°
- (b) 180°
- (c) 360°

(d) Any angle between 180° and 360°

Question 7.

Two angles are said to beif the sum of their measures is 90° .

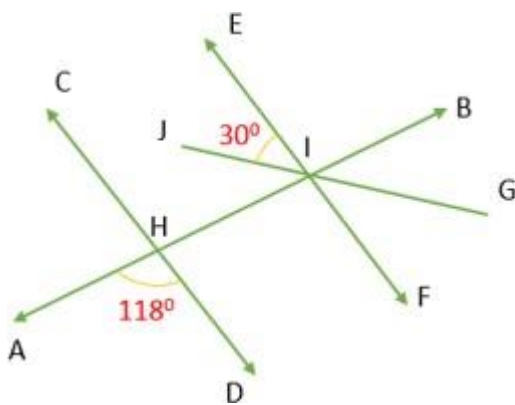
Question 8.

Two angles are said to beif the sum of their measures is 180° .

Question 9.

The complement of 15° is

Question 10.



In the diagram given above, the line CD is parallel to line EF. If $\angle AHD$ and $\angle JIE$ are 118° and 30° respectively, then what is the measure of angle GIB?

1. 30
2. 32
3. 34

4. 40
5. 62