



G.D.GOENKA PUBLIC SCHOOL

Class: 9th

Subject: Mathematics

Lines and angles

Gist of concepts learnt

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- 1 An angle is 16° more than its complement. Its measure is -----
- 2 Two supplementary angles are in the ratio 4:5, then the angles are---
----- and -----
- 3 Bisectors of linear pair of angles form a -----
- 4 Two lines perpendicular to the same line are ----- to each other.
- 5 If two parallel lines are intersected by a transversal, then the interior angles on the same side of the transversal are -----
- 6 Two lines parallel to the same line are ----- to each other.
- 7 If a transversal intersects a pair of lines in such a way that the angles on the same side of transversal are supplementary, then the lines are --

- 8 The supplementary of a right angles is -----
- 9 The complement of an angle of measure x° is -----
- 10 The supplement of an angle of measure $3y^\circ$ is -----