

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date:

Name:

ID No.....

Rapid Fire Quiz

State whether the following statements are true or false by tick (\checkmark) marking in the box.

	True	False
1. If A and B are two points on a line, then the part of the line with end points at A and B is called the line segment AB.	<input type="checkbox"/>	<input type="checkbox"/>
2. Two congruent angles have same measure.	<input type="checkbox"/>	<input type="checkbox"/>
3. If a transversal intersects two parallel lines then each pair of interior angles on the same side of transversal is complementary.	<input type="checkbox"/>	<input type="checkbox"/>
4. If the sum of two adjacent angles is 180° then the non-common arms of the angles form a line.	<input type="checkbox"/>	<input type="checkbox"/>
5. A ray has a finite length.	<input type="checkbox"/>	<input type="checkbox"/>
6. Lines parallel to the same line are parallel to each other.	<input type="checkbox"/>	<input type="checkbox"/>
7. A line segment has one end-point only.	<input type="checkbox"/>	<input type="checkbox"/>
8. If a transversal intersects two lines such that any one pair of corresponding angles is equal then the lines are parallel.	<input type="checkbox"/>	<input type="checkbox"/>
9. Three lines are concurrent if they have a point in common.	<input type="checkbox"/>	<input type="checkbox"/>
10. If two lines are intersected by a transversal, then alternate interior angles are equal.	<input type="checkbox"/>	<input type="checkbox"/>
11. If two parallel lines are intersected by a transversal then the interior angles on the same side of the transversal are equal.	<input type="checkbox"/>	<input type="checkbox"/>
12. Three or more points are collinear when they are in a straight line.	<input type="checkbox"/>	<input type="checkbox"/>
13. Two lines perpendicular to the same line are perpendicular to each other.	<input type="checkbox"/>	<input type="checkbox"/>
14. If two parallel lines are intersected by a transversal, then each pair of corresponding angles are equal.	<input type="checkbox"/>	<input type="checkbox"/>
15. If a transversal intersects a pair of lines in such a way that a pair of alternate interior angles are equal then the lines are parallel.	<input type="checkbox"/>	<input type="checkbox"/>