

# Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date: .....

Name: .....

ID No.....

## Vocabulary Quiz

**Directions:** Match the vocabulary words on the left with the definitions on the right by shading the circles.

(i) Theorems

(a) the assumptions which are obvious universal truth.

(ii) Axioms

(b) statements which are proved, using definition, axioms, previously proved statements and deductive reasoning.

(iii) Ray

(c) part of a line with two end points.

(iv) Line segment

(d) part of a line with one end point.

	(a)	(b)	(c)	(d)
(i)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(ii)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(iii)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(iv)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>