

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date:

Name:

ID No.....

Match the Columns

1. Match the following columns by placing the correct letter in square box.

Column I	Column II
(i) The vertical angle P of an isosceles triangle PQR is 120° then $\angle Q$ is	(a) 70°
(ii) In $\triangle ABC$, if $AB = AC$ and $\angle B = 70^\circ$, then $\angle C$ is	(b) 90°
(iii) Angles of a triangle are in the ratio $2 : 3 : 4$. The largest angle of the triangle is	(c) 30°
(iv) In an isosceles triangle PQR, $PQ = PR$ and PQ is produced to S, such that $PQ = PS$ then $\angle QRS$ is	(d) 80°

- (i) \longrightarrow
- (ii) \longrightarrow
- (iii) \longrightarrow
- (iv) \longrightarrow