

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

Assignment

1. If A,B and C are interior angles of a triangle ABC, then show that $\sin\left(\frac{B+C}{2}\right) = \cos\frac{A}{2}$.

2. Express: $\sec 73^\circ + \cot 80^\circ$ in terms of trigonometric ratios of angles between 0° and 45° .

Sol.

3. Write all the other trigonometric ratios of $\angle A$ in terms of cosec A.

Sol.
