CLASS 9 MATHS ASSIGNMENT

CHAPTER 18 TRIGONOMETRICAL RATIOS OF STANDARD ANGLES Continuation....

General direction for the students :-Whatever be the notes provided , everything must be copied in the Maths Copy and then do the Home work in the same Copy.

Exercise 18.2

14 i) LHS , $\Rightarrow \frac{sinA.cosA}{cotA} \Rightarrow \frac{sinA.cosA.sinA}{cosA} \Rightarrow sin^2A \Rightarrow 1-cos^2A$,RHS

17 iii) $sec2A = cosec(A-27)$

$\Rightarrow cosec(90-2A) = cosec(A-27)$

$\Rightarrow$ 90 - 2A=A - 27

$\Rightarrow$ 3A=63

$\Rightarrow$ A=21

18 ii) $\tan35.\cot(90\text{-}\theta) = 1$

$\Rightarrow \cot(90-\theta) = cot35$

$\Rightarrow 90-\theta = 35$

$\Rightarrow \theta = 55$

*** For further explanation above points and more solution ,watch video class.

HOME WORK :Solve ,left over questions from 14 to last, from the exercise.