

16/11/2020  
MONDAY

## MATHEMATICS

STD - 8  
class - 60

### Assignment

1) Find the value of  $\tan 30^\circ$ ,  $\tan 45^\circ$ ,  $\tan 60^\circ$  without using trigonometric value table.

Ans)  $\tan 30 = \frac{1}{\sqrt{3}}$

$$\tan 45 = 1$$

$$\tan 60 = \sqrt{3}$$

$\therefore \frac{1}{\sqrt{3}}, 1, \sqrt{3}$  is in geometric progression  
or in sequence with common  
ratio  $\sqrt{3}$ .