



**SACRED HEART SCHOOL**  
Jhumri Telaiya, Koderma  
**ASSIGNMENT (2020– 2021)**

Class - X

Subject – MATHEMATICS

**Assignment questions based upon online class**

1. Prove that the following are irrationals:

i)  $\frac{1}{\sqrt{2}}$     ii)  $7\sqrt{5}$     iii)  $6 + \sqrt{2}$

2. Without actual division, find after how many digits decimal will terminate?

i)  $\frac{17}{125}$     ii)  $\frac{61}{80}$     iii)  $\frac{17}{6250}$