

# ST. THOMAS SCHOOL, DHURWA, RANCHI

## ONLINE HOME WORK

SUB: Mathematics

Class:VIII

1. What should be added to  $(-3/8)$  to get  $(5/6)$
2. Which Rational number should be added to  $(-5/9)$  to get  $(-2/3)$
3. Find the multiplicative inverse of  $13/-7$
4. The product of two rational numbers is  $(-4/9)$ . If one of them is  $(-2/27)$ . Find the other.
5. Divide 0 by  $(7/-9)$
6. Draw a number line and mark  $(3/4)$  and  $(-7/4)$
7. Insert two rational number between 4.8 and 6
8. Insert 7 rational number between  $5/6$  and  $7/9$
9. If  $3^{3x-1} \div 9 = 27$ , find the value of X.
10. Prove that  $(m + n)^{-1} (m^{-1} + n^{-1}) = (m n)^{-1}$