ASSIGNMENT NO.10

STD –VIII SUBJECT – MATHS CH. NO. - 12,13

1. Using laws and exponents and solve - 58  x 53

2. Using laws and exponents and solve $ (2^{8} $ ÷ $2^{10}$) x $2^{15}$

3. simplify using laws of exponents $(8^{2}$)3 x 23

4. find x so that 23  x 2 x = 26

5. write 2160000000 in standard form

6. write in usual form 3.52 x 10-4

7. write down all the laws of simplification of exponents

8. Simplify using laws amd exponents $\frac{25 × 10 × a^{8} }{125 × a^{6}}$

9. Rohit bought 12 computers for Rs. 15600, find the cost of 7 such computers?

10. kiran types 1080 words in one hour. How many words she can type in 15 minutes?

11. A worker is paid Rs. 210 for 6 days work. If his total income of the month is Rs. 875, for how many days did he work ?

12. in a hostel, of 50 girls , there are food provisions for 40 days . if 30 more girls join the hostel , how long will these provisions last ?

13. 55 cows can graze a field in 16 days . How many cows will graze the same field in 10 days ?

14. if 36 men can do a piece of work in 25 days . in how many days will 15 men do it ?

15. if 56 men can do a piece of work in 42 days . how many men will do it in 14 days?