

ASSIGNMENT – 18

STD IV

MATHEMATICS

CHAPTER 7

L.C.M AND H.C.F

Do the following sums in your Maths copy.

Find the H.C.F by prime factorization method .

Eg. 30 , 75 , 90

2	30
3	15
5	5
	1

3	75
5	25
5	5
	1

2	90
3	45
3	15
5	5
	1

$$30 = 2 \times \textcircled{3} \times \textcircled{5}$$

$$75 = \textcircled{3} \times \textcircled{5} \times 5$$

$$90 = 2 \times \textcircled{3} \times 3 \times \textcircled{5}$$

$$\text{H.C.F} = 3 \times 5 = 15$$

a) 45 , 108

b) 16 , 60

c) 20 , 64

d) 18 , 45 , 63

e) 80 , 90 , 126

