

Class:- V

Math

Ch:- 07

classmate

Date

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Factors And Multiples

Practice Time:- 7.1

Q.B. Write all the factors of the following:

1) 14

The factors of 14 = 1, 2, 7 and 14.

Q.C. Write the five multiples of each of the following:

1) 4

The five multiples of 4 = 4, 8, 12, 16 and 20

Practice Time:- 7.4 (HCF)

Highest Common Factor

Q.B. Find the HCF of the following numbers using prime factorization method:-

Divisible by 1 and itself. ex- 2, 3, 5

7, 11, ...

1) 38 and 60

Solu.	2 38	2 60
	19	2 30
		3 15
		5

$$38 = 2 \times 19$$

$$60 = 2 \times 2 \times 3 \times 5$$

$$\text{HCF} = 2.$$

4. 48 and 64

Solu.	2 48	2 64
	2 24	2 32
	2 12	2 16
	2 6	2 8
	3	2 4
		2

$$48 = 2 \times 2 \times 2 \times 2 \times 3$$

$$64 = 2 \times 2 \times 2 \times 2 \times 2 \times 2$$

$$\text{HCF} = 2 \times 2 \times 2 \times 2 = 16$$