

(Page 1)

WORKSHEET (4)

Date (5-8-20)

Class - VI

Subject - Mathematics

Teacher: Mrs Poonam Sunil

PAGE NO.

DATE

Good Morning Students!

Today let us continue Ex - 3.4Q2 Find the common factors of:

a) 4, 8 and 12

Factors of 4 are (1), (2), (4)

Factors of 8 are (1), (2), (4) and 8

Factors of 12 are (1), (2), (3), (4), 6, 12

Common factors are 1, 2 and 4.

b) 5, 15 and 25

Factors of 5 are (1) and (5)

Factors of 15 are (1), (3), (5) and 15

Factors of 25 are (1), (5) and 25

Common factors are 1 and 5

Q3 Find first three common multiples of

a) 6 and 8

Multiples of 6 are 6, 12, 18, (24), 30, 36, 42, (48), 54, - - - -

Multiples of 8 are 8, 16, (24), 32, 40, (48), 56, 64, - - - - -

Third Common multiple = $24 \times 3 = 72$

Common multiples are 24, 48, 72

b) 12 and 18

Multiples of 12 are 12, 24, (36), 48, 60, (72), 84, 96, (108), - - - - -

Multiples of 18 are 18, (36), 54, (72), 90, (108), - - - - -

First three common multiples of 12 and 18 are
36, 72 and 108

P.T.O

(Page 2)

PAGE NO.

DATE: / /

Q4. Write all the numbers less than 100 which are common multiples of 3 and 4

Sol:-

Multiples of 3 are 3, 6, 9, (12), 15, 18, 21, (24), 27, 30, 33, (36), 39, 42, 45, (48), 51, 54, 57, (60), 63, 66, 69, (72), 75, 78, 81, (84), 87, 90, 93, (96) and 99

Multiples of 4 are 4, 8, (12), 16, 20, (24), 28, 32, (36), 40, 44, (48), 52, 56, (60), 64, 68, (72), 76, 80, (84), 88, 92, (96)

Common Multiples of 3 and 4 less than 100 are 12, 24, 36, 48, 60, 72, 84 and 96.

x ————— x