

**CHRIST CHURCH SCHOOL**  
**WORKSHEET 7**

Subject: MATHS (Prime Factorization)

Name : \_\_\_\_\_ Roll No : \_\_\_\_\_

Std 4 A – G Div : \_\_\_\_\_ Date : \_\_\_\_\_

I Fill in the blanks:

- a. 8, \_\_\_\_\_, 24, \_\_\_\_\_, \_\_\_\_\_, 48
- b. 13, 26, \_\_\_\_\_, \_\_\_\_\_, 65, \_\_\_\_\_
- c.  $2 \times 2 \times 3 \times 3 =$  \_\_\_\_\_
- d.  $2 \times 3 \times 5 =$  \_\_\_\_\_

II Write the next three multiples of:

- a. 3 –
- b. 18 –
- c. 22 –
- d. 32 –
- e. 200 –

III Write the first four multiples of:

- a. 7 –
- b. 15 –
- c. 35 –
- d. 19 –
- e. 10 –

IV Find the factors of:

a. 38

b. 77

c. 86

V Find the prime factors using division method:

a. 27

b. 64

VI Find the prime factors using factor tree method:

a. 45

b. 98

VII Value Based Question:

1. Prime factorization shows the relation between a set of prime numbers to get a composite number. In the same way we also are a set of individuals in a family. Write down two points on how you will maintain good bond in your family.

Ans \_\_\_\_\_  
\_\_\_\_\_

VIII Application based question:

1. There is only one unique set of prime factors for any number. In what way do you think you are unique? Write two points on your unique quality.

Ans \_\_\_\_\_  
\_\_\_\_\_