

Christ Church School
Worksheet 6 (Answer Key)

Name : _____

Roll No. _____

Subject : Maths

Date _____

Std 4 A - G

Topic- Prime and Composite Numbers (Worksheet 6) (Answer Key)

Study Link: <https://youtu.be/TXDyU5f5WR8>

I. Write the factors for each number. Then, decide if it is prime or composite.

<u>Number</u>	<u>Factors</u>	<u>Prime or Composite</u>
8	<u>1, 2, 4 & 8</u>	<u>Composite</u>
25	<u>1, 5 & 25</u>	<u>Composite</u>
21	<u>1, 3, 7 & 21</u>	<u>Composite</u>
19	<u>1 & 19</u>	<u>Prime</u>

II. Circle the prime numbers and underline the composite numbers.

<u>4</u>	13	17	<u>20</u>	23	<u>36</u>
<u>40</u>	<u>50</u>	7	<u>18</u>	31	

III. Write down the prime numbers between 40 and 50.

Ans 41, 43 and 47

IV. Write down the composite numbers between 29 to 41

Ans 30, 32, 33, 34, 35, 36, 38, 39 and 40.

Study Link: https://youtu.be/F_vdiHNTZRc

V. Pick out the twin prime numbers from the following

a) 11, 17 b) 5, 11 c) 3, 0 d) 3, 5

Ans: 3, 5 is the only twin prime number because the difference between the numbers is 2

VI. Application Based Question

Directions - Answer each question. Write the answer in the blank. Determine whether the number is prime or composite. Underline P or C at the end of the line.

a) How many days are there 31 P or C.
in the month of May?

b) What is the colour of your White 5 P or C.
school uniform? How many
letters are there in the answer?

c) When is your birthday? 26 P or C.
(Only the Date) (Answer will vary)

d) Which class are you 4 P or C
studying in?

e) What is 6×9 ? 54 P or C

VII. Value based Question

Q 1. Why are Prime and Composite Numbers useful?

Ans: Prime and Composite numbers teaches us to how to identify numbers with the help of multiplication and division. It develops our thinking skills. It helps us use numbers in a more effective way to solve complex equations of scientific research