

# Christ Church School

## Worksheet 6 (Answer Key)

Name : \_\_\_\_\_

Roll No. \_\_\_\_\_

Subject : Maths

Date \_\_\_\_\_

Std 4 A - G

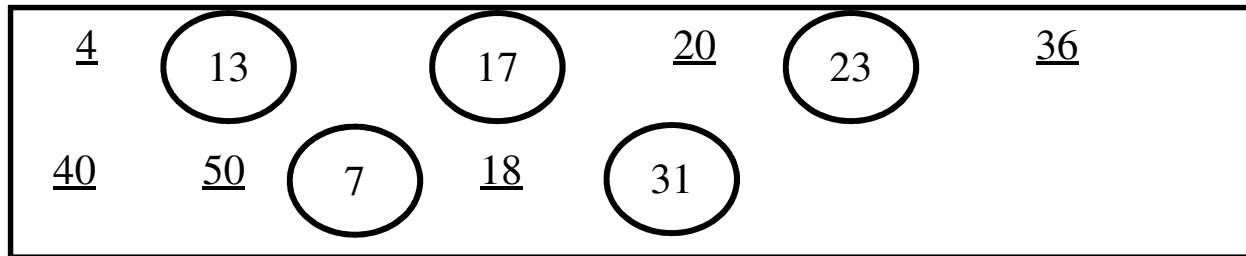
### Topic- Prime and Composite Numbers ( Worksheet 6 ) (Answer Key)

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 &amp; 8</u>	<u>Composite</u>
25	<u>1, 2, 5 &amp; 25</u>	<u>Composite</u>
21	<u>1, 3, 7 &amp; 21</u>	<u>Composite</u>
19	<u>1 &amp; 19</u>	<u>Prime</u>

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



**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](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  $6 \times 9$  ? 54 P or C

## VII. Value based Question

### Q 1. Why are Prime and Composite Numbers useful?

**Ans:** Prime and Composite numbers teachers 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