

Mathematics

(www.tiwariacademy.net)

(Chapter – 1) (Real Numbers)(Exemplar Problems)
(Class – X)

Exercise 1.2

Question 7:

Explain why $3 \times 5 \times 7 + 7$ is a composite number.

Answer 7:

We have,

$$a = 3 \times 5 \times 7 + 7$$

$$= 7(3 \times 5 + 1)$$

$$= 7 \times 16$$

Since, a has more than two factors (as 1, 7, 16 and a are factors).

So, it is a composite number.

Note: Prime numbers has only two factors 1 and number itself.

