

Mathematics

(www.tiwariacademy.net)

(Chapter – 5) (Introduction to Euclid’s Geometry)(Exemplar Problems)
(Class – IX)

Exercise 5.1

Write the correct answer in each of the following:

Question 20:

Which of the following needs a proof?

(A) Theorem

(B) Axiom

(C) Definition

(D) Postulate

Answer 20:

(A) Theorem

The statements that were proved are called propositions or theorems. Euclid deduced 465 propositions in a logical chain using his axioms, postulates, definitions and theorems proved earlier in the chain.

