

Mathematics

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

Exercise 5.3

Solve each of the following question using appropriate Euclid's axiom:

Question 1:

Two salesmen make equal sales during the month of August. In September, each salesman doubles his sale of the month of August. Compare their sales in September.

Answer 1:

Let the equal sale of two salesmen in August be x .

In September each salesmen doubles his sale of August.

Thus, sale of first salesman is $2x$ and sale of second salesman is $2x$.

According to Euclid's axioms, things which are double of the same things are equal to one another.

So, in September their sales are again equal.

