



SACRED HEART SCHOOL

Maharana Pratap Chowk, Jhumri Telaiya, Koderma

Website: <http://www.sacredheartkoderma.org/>

MATHS

Class – VIII

EXERCISE 8B

1. Two numbers are in the ratio 8 : 3. If the sum of the numbers is 143, find the numbers.
2. $\frac{2}{3}$ of a number is 20 less than the original number. Find the number.
3. Four-fifths of a number is 10 more than two-thirds of the number. Find the number.
4. Twenty-four is divided into two parts such that 7 times the first part added to 5 times the second part makes 146. Find each part.

For every 3 meters of the shirt material he buys 2 metres of the trouser material. He sells the materials at 12% and 10% profit respectively. His total sale is ₹ 36,600. How much trouser material did he buy?

8. Half of a herd of deer are grazing in the field and three fourths of the remaining are playing nearby. The rest 9 are drinking water from the pond. Find the number of deer in the herd.
9. A grandfather is ten times older than his granddaughter. He is also 54 years older than her. Find their present ages.
10. Aman's age is three times his son's age. Ten years ago he was five times his son's age. Find their present ages.

