



SACRED HEART SCHOOL

Maharana Pratap Chowk, Jhumri Telaiya, Koderma

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

Maths

Class – VII

EXERCISE 4.4

1. Set up equations and solve them to find the unknown numbers in the following cases:

- Add 4 to eight times a number; you get 60.
- One-fifth of a number minus 4 gives 3.
- If I take three-fourths of a number and add 3 to it, I get 21.
- When I subtracted 11 from twice a number, the result was 15.
- Munna subtracts thrice the number of notebooks he has from 50, he finds the result to be 8.
- Ibenhal thinks of a number. If she adds 19 to it and divides the sum by 5, she will get 8.
- Anwar thinks of a number. If he takes away 7 from $\frac{5}{2}$ of the number, the result is 23.

2. Solve the following:

- The teacher tells the class that the highest marks obtained by a student in her class is twice the lowest marks plus 7. The highest score is 87. What is the lowest score?
- In an isosceles triangle, the base angles are equal. The vertex angle is 40° . What are the base angles of the triangle? (Remember, the sum of three angles of a triangle is 180°).
- Sachin scored twice as many runs as Rahul. Together, their runs fell two short of a double century. How many runs did each one score?

3. Solve the following:

- Irfan says that he has 7 marbles more than five times the marbles Parmit has. Irfan has 37 marbles. How many marbles does Parmit have?
- Laxmi's father is 49 years old. He is 4 years older than three times Laxmi's age. What is Laxmi's age?
- People of Sundargram planted trees in the village garden. Some of the trees were fruit trees. The number of non-fruit trees were two more than three times the number of fruit trees. What was the number of fruit trees planted if the number of non-fruit trees planted was 77?

4. Solve the following riddle:

I am a number,

Tell my identity!

Take me seven times over

And add a fifty!

To reach a triple century

You still need forty!

