AMRIT JYOTI PRIMARY SCHOOL

REVISION WORKSHEET – 2019-20

GRADE: 7   Sub.: Mathematics

Date: 26-03-2020

_____

In questions 1 to 24, express each of the given statements as an equation.

1. 13 subtracted from twice of a number gives 3 .

2. One-fifth of a number is 5 less than that number.

3. A number is 7 more than one-third of itself.

4. Six times a number is 10 more than the number.

5. If 10 is subtracted from half of a number, the result is 4.

6. Subtracting 5 from p, the result is 2.

7. Five times a number increased by 7 is 27.

8. Mohan is 3 years older than Sohan. The sum of their ages is 43 years.

9. If 1 is subtracted from a number and the difference is multiplied by 1/2, the result is 7.

10. A number divided by 2 and then increased by 5 is 9.

11. The sum of twice a number and 4 is 18.

12. The age of Sohan Lal is four times that of his son Amit. If the difference of their ages is 27 years, find the age of Amit.

13. A number exceeds the other number by 12. If their sum is 72, find the numbers.

14. Seven times a number is 12 less than thirteen times the same number. Find the number.

15. The interest received by Karim is Rs. 30 more than that of Ramesh. If the total interest received by them is Rs. 70, find the interest received by Ramesh.

16. Subramaniam and Naidu donate some money in a Relief Fund. The amount paid by Naidu is Rs. 125 more than that of Subramaniam. If the total money paid by them is Rs. 975, find the amount of money donated by Subramaniam.

17. In a school, the number of girls is 50 more than the number of boys. The total number of students is 1070. Find the number of girls.

18. Two times a number increased by 5 equals 9. Find the number.

19. 9 added to twice a number gives 13. Find the number.

20. 1 subtracted from one-third of a number gives 1. Find the number.

21. After 25 years, Rama will be 5 times as old as he is now. Find his present age.

22. After 20 years, Manoj will be 5 times as old as he is now. Find his present age.

23. The perimeter of a rectangle is 40m. The length of the rectangle is 4 m less than 5 times its breadth. Find the length of the rectangle.

24. If 45 is added to half a number, the result is triple the number. Find the number.

25. One of the two numbers is twice the other. The sum of the numbers is 12. Find the numbers.

Solve the following.

1. Write 0.089 as a per cent.

2. Write 1.56 as a per cent.

3. What is 15% of 20?

4. What is 800% of 800?

5. What is 100% of 500?

6. What per cent of 1 hour is 30 minutes?

7. What per cent of 1 day is 1 minute?

8. What per cent of 1 km is 1000 metres?

9. Find out 8% of 25 kg.

10. What percent of Rs. 80 is Rs. 100?

11. 45% of the population of a town are men and 40% are women. What is the percentage of children?

12. The strength of a school is 2000. If 40 % of the students are girls then how many boys are there in the school?

13. Chalk contains 10% calcium, 3% carbon and 12% oxygen. Find the amount of carbon and calcium (in grams) in $2\frac{1}{2}$ kg of chalk.

14. 800 kg of mortar consists of 55% sand, 33% cement and rest lime. What is the mass of lime in mortar?

15. In a furniture shop, 24 tables were bought at the rate of Rs. 450 per table. The shopkeeper sold 16 of them at the rate of Rs. 600 per table and the remaining at the rate of 400 per table. Find her gain or loss percent.