Math's Assignment

Class 7th

1. Arrange the following integers in ascending order:- -5, 12, -7, 0, 5, -9.

2. Write all the integers lying between -5 and 4.

3. Write 2 integers just succeeding -7.

4. Simplify: 16+(-17)+20

5. Write down a pair of integers whose difference is -10

6. Verify: a-(-b) = a+b for the following values of a and b. a=50, b=75

7. Using distributive property: (-37) x 98

8. Find the product 25 x (-15)

9. Find the product using suitable property

   36 x (-56) + (-56) x (-46)

10. Evaluate: 26 ÷ {(-13)} ÷ (1)}

11. Evaluate: {(-20)+5} ÷ {(-5)+(2)}

12. Verify that a ÷ b ≠ b ÷ a for the following value of a and b

   a=-15, b=3

13. Add : $\frac{7}{21} + \frac{2}{3}$

14 Subtract: $3\frac{1}{2}$ from $5\frac{1}{4}$

15 Simplify: $\frac{7}{10} + \frac{2}{5} + \frac{3}{2}$

16. A rectangular sheet of paper is $12\frac{1}{2}$cm long and $10\frac{2}{3}$ cm wide. Find its parameter.

17. Arrange the following in descending order. $\frac{2}{9}, \frac{3}{4}, \frac{5}{2}, \frac{1}{4}$

18 Subtract: $4\frac{3}{5}$ - 2

19. Simplify: $2\frac{1}{4} - 1\frac{1}{2} + 4$

20.Multiply: $3\frac{1}{2}$ and $\frac{4}{9}$

21. Find the area of a square whose side is $4\frac{3}{4}$ cm.

22. Cost of 1 L of oil is Rs. $27\frac{2}{3}$ Find the cost of 12 L.

23. Distance covered by a motorcycle in 1 L of petrol is 45 km. Find the distance covered in $3\frac{1}{9}$ liters of petrol.

24. Find $6\frac{1}{5} \div \frac{1}{5}$

25. Divide 9 by $\frac{3}{16}$

26. Simplify: $5\frac{1}{6} \div \frac{9}{2}$

27. Product of two fractions is $\frac{3}{4}$ If one of the fraction is $7\frac{1}{2}$, then find the other.

28. Cost of 2 dozen bananas is Rs $3\frac{3}{7}$ find the cost of 1 banana.

29. Which is greater : 72.50 or 54.2

30. Add: 291.45 and 62.291

31. Express in Kg: 4kg 150g.

32. Express in metres: 3m 25 cm

33. How much is 29.425 less than 50

34 What should be added to 45.12 to get 54

35. Find the product: 2.45 x 3.11

36. Cost of one book is Rs. 34.75. find the cost of 25 such books.

37. Find product: 609.75 x 1000= _____

38. Divide 7.75 by 0.25

39. If 25 bags of wheat wight 412.5 kg. Find the weight of 1 bag.

40. Express in decimal : 17 Rupees 7 Paise.