

# Math's Assignment

## Class 6th

Q1. What comes just before 9900000?

Q2. Write the largest number of different digits formed by using the digits 2, 4, 0, 3, 6 and 9.

Q3. Write the smallest number of different digits formed by using the digits 3, 1, 0, 5 and 7.

Q4. Fill in each of the following boxes with the correct symbol  $>$  or  $<$ .

(i) 47893501                      (ii) 47894021

(iii) 3254790                      (iv) 3260152

Q5. Arrange the following numbers in the descending order

700087, 8014257, 8015032, 10012458, 8014306

Q6. Arrange the following numbers in the ascending order

190909, 1808088, 16060666, 16007777, 181888

Q7. Write the following numbers in words in the Indian system of numeration.

(i) 1, 70,01,003

(ii) 5,00,73,45,012

Q8. Write the following numbers in words in the International system of numeration.

1. 7, 405, 316                      2. 435, 002

Q9. How many millions make one crore?

Q10. Find the difference of the place value of two 8's in 98378234.

Q11. Find the product of the place value of 3 and 5 in the number 16234507.

Q12. Find the difference between the number 543 and the number obtained by reversing the digits.

Q13. Write in expand form

(i) 31234560

(ii) 5700005

Q14. Find the difference between the largest number of 5 digit and largest number of 4 digits.

Q15. How much is 16738 less than 1000000?

Q16. By using properties of multiplication find the product.

(i)  $49 \times 125$

(ii)  $205 \times 199$

Q17. Using distributive property over addition and subtraction for multiplication and simply the following

- (i)  $35 \times 94$
- (ii)  $546 \times 999 + 546$
- (iii)  $350 \times 25 + 35 \times 10 \times 21$
- (iv)  $3845 \times 5 \times 782 + 769 \times 25 \times 218$

Q18. What is the largest 3 digit number divisible by 12?

Q19. If total salary of 93 workers of a company is Rs. 187395. Find salary of each worker.

Q20. T/F

- (i)  $a \div a=1$
- (ii)  $0 \div 5=0$

Q21. Simplify

- (i)  $(12 \times 3) \div 4 \times 5 - 7 + 3 \times (9-5)$
- (ii)  $240 \div [8 + \{24 \times (10-7)\}]$

Q22. Three sugar factories produced 25675 bags, 65793 bags & 43105 bags of sugar resp in a month. What is the total production of sugar in the math.

Q23. The total strength of a school is 2372 out of which 1437 are boys. How many girls are there in the school?

Q24. A Chain cost Rs 235. How much will 120 such chains cost?

Q25. A Car covers 65 Km in an hour. How much distance will it cover in 7 hours?

Q26. 8 packets of soap weight 17 kg. Find the weight of each packet.

Q27. A rope of 11 meters is divided into 8 pieces having equal length. Find the length of each piece.

Q28. Without actual calculation estimate.

1.  $4976 \times 5310$       2.  $4976 - 3512$       3.  $349 \times 52$       4.  $632 \div 31$

Q29. Using divisibility tests, determine which of the following numbers are divisible by 2 by 3 and by 5

1. 432      2. 536      3. 369      4. 654      5. 12345      6. 9992

Q30. In each of the following replace \* by a digit to make the number exactly divisible by 9

1. 356\*      2. 123\*      3. 975\*      4. 35742\*

Q31. Reduce the following fractions to its lowest terms.

1.  $\frac{35}{65}$       2.  $\frac{42}{66}$       3.  $\frac{420}{924}$       4.  $\frac{287}{369}$