

## Summer Holidays Homework of Maths

### Class-6<sup>th</sup>

*\*Learn and write table 2 to 20 (10 times)*

*\* Do all the questions neat and clean*

Q1. Form the greatest and smallest 7 digit numbers using the digit only once 2, 9, 4, 1, 5, 7, 3.

Q2. Estimate the sum of  $31750 + 47807 + 12397$  to the nearest thousand

Q3. Find the estimated product of  $25 \times 73$

Q4. Give the answer in Roman numerals

XXXV+XL. (ii) XL+XXX

Q5. Compare using  $<$ ,  $>$  and  $=$

LX, XL. (ii) LVIII, C

Q6. Write first five equivalent fraction of  $\frac{4}{7}$ .

Q7. Add  $2\frac{1}{8}$ ,  $2\frac{1}{2}$  and  $\frac{7}{16}$

Q8. Subtract:  $1\frac{1}{5}$  from  $2\frac{3}{5}$

Q9. Simplify:

$$6\frac{1}{2} + 2\frac{2}{3} - \frac{1}{4}$$

Q10. Rashmi walked  $\frac{3}{4}$  of a kilometre and jogged  $\frac{5}{8}$  of a kilometre. How far did she go in all?

Q11. Write three whole numbers occurring just before 90001.

Q12. How many whole numbers are there between 35 and 53?

Q13. Write the whole numbers between 99999 and 100004.

14. Find the sums using suitable rearrangement  $211 + 684 + 389 + 5816$

Q15. Find the product by suitable rearrangement  $25 \times 837 \times 4$

Q16. Find the number which when divided by 65 gives 12 as quotient and 13 as remainder.

Q17. Find the difference between the smallest number of 5 digit and the largest number of 4 digits.

Q18. Using number line find (i)  $7 + 5$  (ii)  $11 - 6$

Q19. Find the value of the following using various properties (i)  $8765 \times 999 + 8765$ . (ii)  $273 \times 29 + 273 \times 71$

Q20. Find the value of a:

$a - 27 = 41$ . (ii)  $a + 43 = 215$

### Mental Maths

Q21. How many centimetres make a kilometre?

Q22. How many 10000 are there in 1 lakh

Q23. Make the greatest 4 digit number using any one digit thrice 2, 8.

Q24. Find the sum of 632 and the number obtained by reversing its digit.

Q25. How many odd numbers lie between 100 and 200?

Q26. What is the sum of all odd numbers between 1 and 10?

Q27. Which whole number is not a natural number?

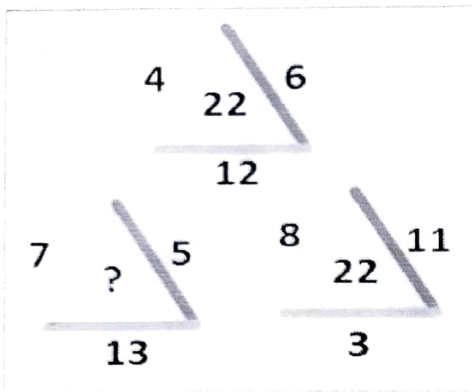
Q28. What is the smallest even number which is prime also?

Q29. What come next 5, 9, 13, 17, \_\_\_\_\_

Q30. How many times the digit 0 appeared in 1 lakh?

# MATHS PUZZLES

Q31. Find the missing number:



Q32. Solve:

$$\bigcirc + \bigcirc = 10$$

$$\bigcirc \times \square + \square = 12$$

$$\bigcirc \times \square - \blacktriangle \times \bigcirc = \bigcirc$$

$$\blacktriangle = ?$$

Q33, How quick can you solve this using these number?

1, 2, 2, 4, 6, 7, 7, 8, 9

$$\begin{array}{ccccc} \square & + & \square & + & \square & = & 2 \\ \times & & + & & + & & \end{array}$$

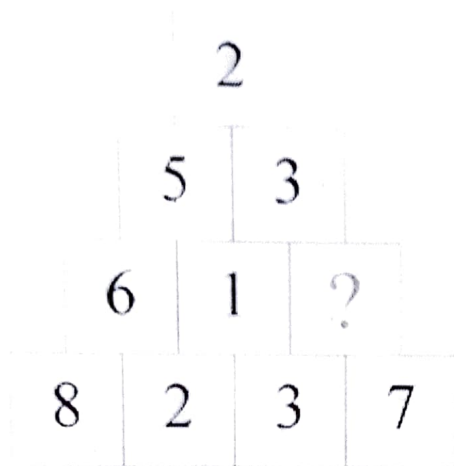
$$\begin{array}{ccccc} \square & - & \square & + & \square & = & 5 \\ - & & + & & + & & \end{array}$$

$$\begin{array}{ccccc} \square & + & \square & - & \square & = & 13 \\ = & & = & & = & & \\ 7 & & 15 & & 15 & & \end{array}$$

Q34. Can you solve this?

$$\begin{aligned}
 1 + 4 &= 5 \\
 2 + 5 &= 12 \\
 3 + 6 &= 21 \\
 8 + 11 &= ?
 \end{aligned}$$

Q35. Find the missing number:

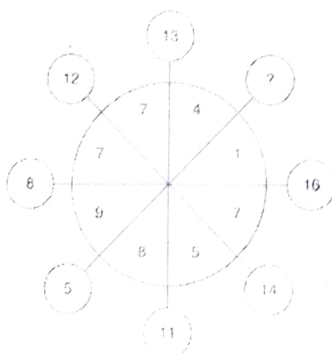


Q36. Complete this:

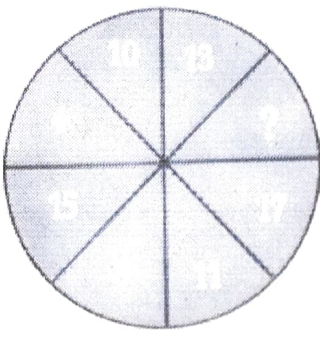
$$\begin{array}{|c|} \hline \square \\ \hline \text{X} \\ \hline \end{array} + \begin{array}{|c|} \hline \square \\ \hline \text{I} \\ \hline \end{array} = 8$$

$$\begin{array}{|c|} \hline \square \\ \hline \text{II} \\ \hline 21 \\ \hline \end{array} \times \begin{array}{|c|} \hline \square \\ \hline \text{II} \\ \hline 5 \\ \hline \end{array} = 9$$

Q37. Find the missing number:

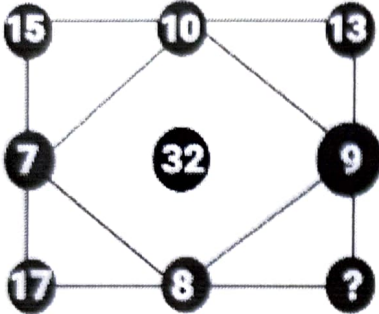


Q38. Which number replace the question mark?



839

Missing number Problem ?



Q40. Solve sudoku:

		5	3	4		8
8			1		4	
2	8				7	1
8			6			5
4				5	8	3
6	3	1				
				1	3	
			7			
1	6	2				

#Art Integrated Project

Temple of Telangana (describe any one temple)

#charts

Write Roman number from 1 to 20 by using matchstick

Write divisibility rules on chart

#Activity

Make a model of abacus using thermocol.