

KENDRIYA VIDYALAYA NO.1, AFS HALWARA.

SUMMER VACATION HOME WORK

SESSION :2022-2023

CLASS: VIII

1. Learn and write tables from 2 to 20.
2. Learn and write squares from 1 to 20.
3. Learn and write cubes from 1 to 15
4. Write and learn different types of triangle on the basis of sides as well as on the basis of angles.
5. Write and draw the different shape of quadrilateral along with its property.
6. Find the sum of smallest prime number and smallest composite number.
7. Find the difference between smallest natural number and smallest whole number.
8. Find the difference between sum of all even numbers and all odd numbers between 1 to 20.
9. Find the product of smallest natural number and smallest whole number.
10. Find the division of smallest composite number and smallest prime number.
11. Find additive inverse of each of the following.
12. (a)  $\frac{2}{3}$  (b)  $\frac{-8}{5}$  (c)  $\left(-8 \times \frac{5}{3}\right)$
13. Is 0.3 the multiplicative inverse of  $3\frac{1}{3}$ ? Why or why not?
14. Write.
  - (i) The rational number that does not have a reciprocal.
  - (ii) The rational numbers that are equal to their reciprocals.
  - (iii) The rational number that is equal to its negative.
15. Find three rational numbers between  $\frac{-2}{3}$  and  $\frac{-2}{3}$ .
16. Solve: (a)  $14y - 8 = 13$  (b)  $17 + 6p = 9$
17. Bansi has 3 times as many two-rupee coins as he has five-rupee coins. If he has in all a sum of Rs. 77, how many coins of each denomination does he have?
18. The sum of three consecutive multiples of 11 is 363. Find these multiples.
19. Deveshi has a total of Rs 590 as currency notes in the denominations of Rs 50, Rs 20 and Rs 10. The ratio of the number of Rs 50 notes and Rs 20 notes is 3:5. If she has a total of 25 notes, how many notes of each denomination she has?