
Whole Numbers

FILL IN THE BLANKS:

1. The whole number which is not a natural number is _____ .
2. The natural number whose predecessor does not exist is _____ .
3. There are _____ whole numbers up to 75.
4. Predecessor of 2, 90, 099 is _____ .
5. There are _____ natural numbers up to 80.
6. The additive identity for whole numbers is _____ .
7. The statement $(3 + 5) + 6 = 3 + (5 + 6)$ shows that addition of whole numbers is _____ .
8. _____ is the multiplicative identity of whole numbers.
9. $6 \times (7 + 3) = (6 \times 7) + (6 \times 3)$. This statement shows that multiplication of whole numbers is _____ over addition.
10. $(3 \times 5) \times 9 = 3 \times (5 \times 9)$. This statement shows that multiplication of whole number is _____ .
11. _____ is the only whole number which when divided by it self gives a quotient equal to itself.

DO THE FOLLOWING:

1. How many times does the digit 5 occur in tens place in the natural numbers from 100 to 1000?
2. How many times does the digit 9 occur in the units place in all the natural numbers up to 100 ?
3. Find the sum by suitable rearrangement.
 - a) $534 + 100 + 466$
 - b) $365 + 700 + 635$

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4. Add each of the following and check by reversing the order to the addends.
(a) $3025 + 1825$ (b) $2094 + 2942$
5. Find the product using properties of whole numbers.
(a) 155×601 (b) 1800×499 (c) 71×380 .
6. Find the value of the following expressions using properties of whole numbers.
(a) $4,380 \times 85 - 4,380 \times 75$
(b) $270 \times 8 + 270 \times 9 + 270$
(c) $45 \times 20 \times 5$
7. Find the quotient and remainder in each of the following divisions. Check the answer by division algorithm.
(a) $4,567 \div 234$ (b) $3,645 \div 15$ (c) $7,654 \div 19$
8. The product of two numbers is 3,75,200. If one of the numbers is 160. Find the other?
9. On dividing 4,56,789 by a certain number the quotient is 1,952 and a remainder 21 is left. Find the number.
10. Divide the largest 4 – digit number by the largest 2 digit number and write down the quotient and the remainder.

Whole Numbers

- 1) The smallest whole number is _____
- 2) The predecessor of 10049 is _____
- 3) The natural number whose predecessor does not exist is _____
- 4) The additive identity for whole numbers is _____
- 5) $(7 + 8) + 3 = 7 + (8 + 3)$ _____ property.
- 6) _____ is the successor of the biggest 3 digit number.
- 7) _____ is the identity for multiplication of whole numbers.
- 8) Division by zero is _____
- 9) _____ + 2417 = 2417
10. $52 \times 18 = 18 \times (- + -)$
11. In a division sum, the dividend, divisor and quotient are the same. Which is that number

12. $420 \times 132 - 420 \times 32 = 420 \times (\quad)$
13. $63 \times 106 = 63 (\quad + \quad)$
14. The value of $13 \div 0$ is _____
15. All natural numbers are whole numbers (True/ False)
16. How many whole numbers are there up to 80 ?
17. Whole numbers are closed for division (True / False)
18. How many times does the digit 4 occur in the unit place in all the natural numbers up to 100?
19. Write the successor and predecessor of each of the following numbers :
a) 7000 b) 1899 c) 40040 d) 69999 e) 64494 f) 3300301
20. Write the next 3 consecutive natural numbers :
a) 410436 b) 48998 c) 73299
21. Find the following using number line :
a) $6 + 3$ b) $12 - 5$ c) 6×2 d) $3 + 4$ e) $4 - 1$ f) 4×3
22. Find the following sum by suitable rearrangement :
a) $729 + 123 + 877 + 271$
b) $594729 + 550023 + 6912037 + 732981$
c) $14 + 438 + 486 + 162$
d) $2062 + 353 + 1438 + 547$

23. Find the value of the following using properties of whole numbers.

a) $786 \times 84 + 786 \times 16$

b) 242×102

c) $4 \times 821 \times 25$

d) $741 \times 124 - 741 \times 24$

e) $370 \times 6 + 370 \times 3 + 370$

f) 998×126

24. The annual fee charged from a student of class VI in a school is SR135 and class VII is SR 165. If there are in all 235 students in class VI and VII. Find the total collection.

25. On dividing 43, 621 by a certain number, the quotient is 1,246 and the remainder is 11 . Find the divisor.

26. What is the smallest 4 – digit number that is exactly divisible by 21.

27. The product of two number is 118275 . If one of the number is 1425, Find the other ?

28. A dealer sold 155 radio set on Monday and 245 on Tuesday. If the cost of one radio set is Rs. 3050. What is the total amount is collected during these days.

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