



MATHS

BOOKS - SWAN PUBLICATION

WHOLE NUMBERS



1. Which is the smallest whole number ?

2. The smallest natural number is :



5. Largest whole number.

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6. Which of the following statements are True

(T) and which are False(F)?

Zero is the smallest natural number.

7. Which of the following statement true(T)

and which are false (F)?

Zero is the smallest whole number.



8. Which of the following statement true(T) and which are false (F)?

All whole numbers are natural numbers.

9. Which of the following statement true(T)

and which are false (F)?

All natural numbers are whole numbers.

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10. Which of the following statement true(T)

and which are false (F)?

1 is the smallest whole number

11. Which of the following statement true(T)

and which are false (F)?

The natural number 1 has no preecessor.

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12. Which of the following statements are True

(T) and which are False(F)?

The whole number 1 has two predecessor in

whole numbers.

13. Which of the following statements are True

(T) and which are False(F)?

Successor of the largest two digit number is

smallest three digit number.



14. Which of the following statements are True

(T) and which are False(F)?

The successor of a two digit number is always

a two digit number.



15. Which of the following statements are True

(T) and which are False(F)?

300 is the predecessor of 299.

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16. Which of the following statements are True

(T) and which are False(F)?

500 is the successor of 499.

17. Which of the following statement true(T) and which are false (F)?

The predecessor of a two digit number is never a single digit numbers.

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18. Write the successor of each of the following:

100909





19. Write the successor of each of the

following:

4630999

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20. Write the successor of each of the following:

830001

21. Write the successor of each of the

following:

99999

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22. Write the predecessor of each of following:

1000

23. Write the predecessor of each of following:

208090



24. Write the predecessor of each of following:

7654321



25. Write the predecessor of each of following:

12576



26. Represent the following numbers on the number line.

2,0,3,5,7

27. How many whole numbers are there between 22 and 43?
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28. Draw a number line to represent each of following on it.

3 + 2

29. Draw a number line to represent each of following on it.

4 + 5



30. Draw a number line to represent each of following on it.

3+2

31. Draw a number line to represent each of following on it.

8 - 3

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32. Draw a number line to represent each of following on it.

7 - 4

33. Draw a number line to represent each of

following on it.

7 - 4

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34. Draw a number line to represent each of

following on it.

3 imes 3

35. Draw a number line to represent each of

following on it.

2 imes 5



36. Draw a number line to represent each of

following on it.

3 imes 5

37. Draw a number line to represent each of following on it. $9 \div 5$

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38. Draw a number line to represent each of

following on it.

 $12 \div 4$

39. Draw a number line to represent each of

following on it.

 $10 \div 2$

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40. Fill in the blanks with the appropriate symbol < or >

25.....205

41. Fill in the blanks with the appropriate
symbol < or >
170......107

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42. Fill in the blanks with the appropriate

symbol < or >

415.....514

43. Fill in the blanks with the appropriate symbol < or >

10001......9999

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44. Fill in the blanks with the appropriate

symbol < or >

2300014.....2300041

45. Fill in the blanks with the appropriate
symbol < or >
99999......888888

Exercise 2 2

1. Find the sum by suitable rearrangement.

837 + 208 + 363.

2. Find the sum by suitable arrangement.

1962 + 4531538 + 647

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3. Find the product by suitable arrangement of

terms:

2 imes 1497 imes 50

4. Find the product by suitable arrangement

of terms:

4 imes 263 imes 25



5. Find the product by suitable arrangement of

terms:

8 imes 163 imes 125

6. Find the product by suitable arrangement of

terms:

963 imes 16 imes 25

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7. Find the product by suitable arrangement of

terms:

5 imes 171 imes 60

8. Determine the product by suitable

arrangement:

 $125 \times 40 \times 16 \times 25.$

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9. Find the product by suitable arrangement of

terms:

30921 imes 25 imes 40 imes 2

10. Find the product by suitable arrangement

of terms:

4 imes 2 imes 1932 imes 125



11. Find the product by suitable arrangement

of terms:

5462 imes 25 imes 4 imes 2

12. Find the value of each of the following

using distributive property:

(649 imes 8)+(649 imes 2)

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13. Find the value of each of the following using distributive property:

(6524 imes 69) + (6524 imes 31)

14. Find the value of each of the following

using associative property:

(2986 imes 35) + (2986 imes 65)

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15. Find the value of each of the following using distributive property:

(6001 imes 172) - (6001 imes 72)

16. Find the value of the following :

493 imes 8 + 493 imes 2

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17. Find the value of the following :

24579 imes93+7 imes24579

18. Find the value of the following :

3845 imes 5 imes 782 + 769 imes 25 imes 218

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19. Find the value of the following :

3297 imes 999 + 3297

20. Find the product, using suitable properties.

738 imes 103.

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21. Findthe product, using suitable properties.

 $854 \times 102.$



22. Findthe product, using suitable properties.

258x1008

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23. Find the product using suitable properties:

736 imes93



24. Find the product using suitable properties:

816 imes745

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25. Find the product using suitable properties.

1005 imes 168



26. A taxi- driver filled his car petrol tank with 40 litres of petrol on Mondy.The next day,he filled the tank with 50 litres of petrol.If the petrol costs Rs.44 per litre,how much did he spend in all on petrol?

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27. A vendor supplies 32 litres of milk to a hotel in the morning and 68 litres of mik in the

evening.If the milk costs Rs.15 Per litre,how

much money is due to the vendor per day?



28. We know that $0 \times 0 = 0$. Is there any other whole number which when multiplied by itself gives the product equal to the number itself? Find out the number.

 $15 \times 0 = \dots$

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30. Fill in the blanks:

 $15+0=\ldots$

 $15 - 0 = \dots$

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32. Fill in the blanks:

 $15\div 0=\ldots$

0 imes 15 =

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34. Fill in the blanks:

 $0 + 15 = \dots$

 $0\div 15=.....$

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36. Fill in the blanks:

 $15 \times 1 = \dots$

 $15\div 1 = \ldots$

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38. Fill in the blanks:

 $1 \div 1 = \dots$



39. The product of two whole numbers is zero.

What do you conclude. Explain with example.

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40. Match the following:

- (i) 537 imes 106 = 537 imes 100 + 537 imes 6
- a. Commutativity under multiplication

(ii) 4 imes 47 imes 25 = 4 imes 25 imes 47

b. commutativity under addition

(ii) 70 + 1923 + 30 = 70 + 30 + 1923

c. Distributivity of multiplication over addition.

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1. If the producto of two whole numbers is

zero can we say thatone or both of them will

be zero ?Justify through examples.



2. If the product of two whole numbers is 1,can we say that one or oth of them will be 1 ? Justify through examples.



3. Observe the pattern in the following and fill in the blanks:

1 imes 1 = 1

 $11 \times 11 = 121$

 $111 \times 111 = 12321$



12345 imes 9 + 5 =

123456 imes 9 + 6 =



5. Find the least number which must be subtracted from each of the following numbers so as to get a perfect square. Also find the square root of the perfect square so obtained: 1989

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6. Study the following pattern:

 $1 = 1 \times 1 = 1$

 $1+3=2\times 2=4$

1+3+5=3 imes 3=9

 $1 + 3 + 5 + 7 = 4 \times 4 = 16$

Hence find the sum of

a. First 12 odd numbers b. First 50 odd numbers.

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Multiple Choice Questions

1. The smallest whole number is :

A. 0

B. 1

C. 2

D. 3

Answer: A

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2. The smallest natural number is :

B. 1

C. 2

D. 3

Answer: B

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3. The successor of 38899 is

A. 39000

B. 38900

C. 39900

D. 38800

Answer: B

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4. The predecssor of 24100 is

A. 24999

B. 24009

C. 24099

D. 24099

Answer: D

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5. The statement 4+3=3+4 represents

A. Closure

B. Associative

C. Commutative property

D. Identity





6. Which of the following is the additive identity?

A. 0

B.1

C. 2

D. 3



7. The multiplicative identilfy is

A. 0

B. 1

C. 2

D. 3

Answer: B



8. 15 imes 32 + 15 imes 68 =

A. 1400

B. 1600

C. 1700

D. 1500

Answer: D

9. The largest 4 digit number divisible by 13 is:

A. 9997

B. 9999

C. 9995

D. 9991

Answer: A

10. The successor is 3 digit largest number is

A. 100

B. 998

C. 1001

D. 1000

Answer: D