MATHS

BOOKS - MBD

WHOLE NUMBERS

Example

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1. Is there any natural number that has no predecessor?

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2. Is there any natural number which has no succeesor ?Is there a last nautral number?

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3. Are the following statement true or false ? Justify the answer : Every natural number is a whole number.

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4. Is the following statement true of false? Give reasons for your answers.Every whole number is a natural number.

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5. Which isthe smallest whole number ?

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6. Which is greates whole number?

7. Find $4 + 4, 2 + 6, 3 + 5$ and $1 + 6$ using

number line.

8. Find $8 - 3, 6 - 2, 9 - 6$ using the number

line.

9. Find 2×6, 3×3, 4×2 using number line.

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10. Write the next three natural numbers after 10999.

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11. Write the three whole numbers occurring just before 10001.

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12. Which isthe smallest whole number ?

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13. How many whole numbers are there between 32 and 53?

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14. Write the successor of :

2440701

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15. Write the successor of :

100199

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16. Write the successor of :

1099999

17. Write the successor of :

2345670

18. Write the predecessor of :

94

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19. Write the predecessor of :

10000

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20. Write the predecessor of :

208090

21. Write the predecessor of :

7654321

22. In each of the follwing pairs of numbers,state which whole number is on the left of the other number on the number line .Also write them with the appropriate sign(>,<) between them.

530, 502

23. In each of the follwing pairs of numbers,state which whole number is on the

left of the other number on the number line

.Also write them with the appropriate sign(>,<)

between them.

370,307`

24. In each of the follwing pairs of numbers,state which whole number is on the left of the other number on the number line

.Also write them with the appropriate sign(>,<)

between them.

98765,56789`.

25. In each of the follwing pairs of numbers,state which whole number is on the left of the other number on the number line .Also write them with the appropriate sign(>,<) between them.

9830415,10023001.`

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

Zero is the smallest natural number.

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

400 is the predecessor of 399.

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

Zero is the smallest whole number.

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

600 is the successor of 599.

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

All natural numbers are whole numbers.

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

All whole numbers are natural numbers.

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

1 is the smallest whole number

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

The natural number 1 has no preecessor.

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

The whole number 1 has no predecessor.

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

The whole number 13 lies between 11 and 12.

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

The successor of a two digit number is always a two digit number.

38. Find the sum by suitable rearrangement.

$837 + 208 + 363.$

39. Find the sum by suitable rearrangement.

$1962 + 453 + 1538 + 647.$

40. Find the product by a suitable rearrangement.

$2 \times 1768 \times 50.$

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41. Find the product by a suitable rearrangement.

$4 \times 166 \times 25.$

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42. Find the product by a suitable rearrangement 8 x291 x 125.

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43. Find the product by a suitable rearrangement.625 x 279 x 16`.

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44. Find the product by a suitable rearrangement.285 x 5 x 60.

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45. Find the product by a suitable rearrangement.125 x 40 x 8 x 25`.

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46. Find the value of the following :

$297 \times 17 + 297 \times 3.$

47. Find the value of the following :

$54279 \times 92 + 8 \times 54279.$

48. Find the value of the following :

$81265 \times 169 - 81265 \times 69.$

49. Find the value of the following :

$3845 \times 5 \times 782 + 769 \times 25 \times 218.$

50. Find the product, using suitable properties.

$738 \times 103.$

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51. Find the product, using suitable properties.

$854 \times 102.$

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52. Find the product, using suitable properties.

$258x1008$

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53. Find the product, using suitable properties.

$1005 \times 169.$

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54. 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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55. 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?

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1. Write down the smallest natural number.Can you writethe greatest natural number?Why?

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2. Which whole number is the successor of99?

3. Give the successor of each of the following:

100998.

4. Give the successor of each of the following:

98304999.

5. Write down the predecessor of each of the following :

199

6. Write down the predecessor of each of the following :

3000.

7. Write down the predecessor of each of the following :

9876951.

8. Which whole number has no predecessor ? Which natural number has no predecessor?

9. How many whole numbers are there between 41 and 91?

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10. Write down the next three consecutive whole numbers starting from 53021.

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11. Write down the three consecutive whole numbers just preceding 9510002.

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12. Which of the following statements are true?

The largest 4-digit number formed by 6,7,0,9 using each digit only once is 9706.

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13. Which of the following statements are true?

Every whole number is the successor of another whole number.

14. Fill in the blanks to make each of the following a true statement:

$19 \times 0 = $ ....

15. Fill in the blanks to make each of the following a true statement:

$21 \times 13 = 13 \times$ ....

16. Fill in the blanks to make each of the following a true statement:

$0 \times 13434 =$ ....

17. Fill in the blanks to make each of the following a true statement:

$17 \times (19 \times 15) = ($............ $\times 19) \times 15$

18. Fill in the blanks to make each of the following a true statement:

$1000 \times 100 = $............ .

19. Fill in the blanks to make each of the following a true statement:

$$58 \times 46 = 58 \times 40 + 58 \times \ldots\ldots\ldots\ldots \,.$$

20. Fill in the blanks to make each of the following a true statement:

`37 x 18 = 37 x 9 + 37 ...

21. Fill in the blanks to make each of the following a true statement:

$22 \times 45 = 22 \times 50 - 22 \times \ldots\ldots$

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22. Fill in the blanks to make each of the following a true statement:

$86 \times 95 = 86 \times 90 - 86 \times \ldots\ldots\ldots - 86.$

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23. Determine the product by suitable arrangement:

$5 \times 53 \times 20$

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24. Determine the product by suitable arrangement:

$8 \times 93 \times 25$

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25. Determine the product by suitable arrangement:

$275 \times 5 \times 40$

26. Determine the product by suitable arrangement:

$14 \times 25 \times 4$

27. Determine the product by suitable arrangement:

$379 \times 625 \times 16$

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28. Determine the product by suitable arrangement:

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

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29. Use Property VI to simplify the following :

108×65

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30. Use Property VI to simplify the following :

70×97

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31. Use Property VI to simplify the following :

$(25 \times 166) + (25 \times 34)$

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32. Use Property VI to simplify the following :

$603 \times 8 + 603 \times 2.$

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33. Use Property VI to simplify the following :

$65 \times 813 - 65 \times 13.$

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34. Ramesh buys 50 chairs and 50 tables .If a chair costs Rs.125 and a table Rs.225,Find how much money he spends on chairs and tables?

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35. Many buys 15 sets of pens and ball pens for ditributing to his friends on his birthday.If the cost of a pen is Rs.12 and that of a ball pen is Rs.8.how much does he spend on these?

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36. The cost of one bicycle is Rs.675.Find the cost of 2 dozen bicycles.

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37. Fill in the blanks.

The product of any two whole number is ......number.

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38. Fill in the blanks.

The product of a whole number and zero is ....

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39. Fill in the blanks.

The product of a whole numbers and one is

....

40. Which numbers can be shown as squares?

41. Which numbers can be shown as rectangles?

42. Write down the first seven triangular numbers.

43. Which of the following will not represent zero:

1+0, 0x0, 0/2, (10-10)/2`.

44. If the producto of two whole numbers is zero can we say thatone or both of them will be zero ?Justify through examples.

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

46. Find by distributivity method:

728×101

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47. 5437×1001 Find by distributivity method:

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48. Find by distributivity method:

824×25

49. Find by distributivity method:

4275×125

50. Find by distributivity method:

$504 \times 35.$

51. Study the pattern:

$$1 \times 8 + 1 = 9$$

52. Study the pattern:

$$12 \times 8 + 2 = 98$$

53. Study the pattern:

$$123 \times 8 + 3 = 987$$
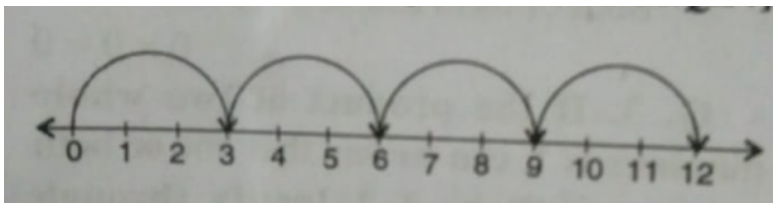
54. Study the pattern:

$$1234 \times 8 + 4 = 9876$$

55. Study the pattern:

$$1234 \times 8 + 4 = 9876$$

56. Which of the following is shown on the given number line?
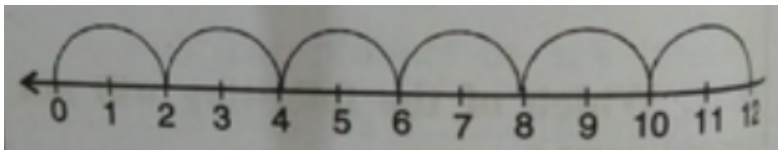

A. 3+4

B. 3×4

C. 4×3

D. 4 +3.

Answer:

57. Which of the following is shown on the given number line ?

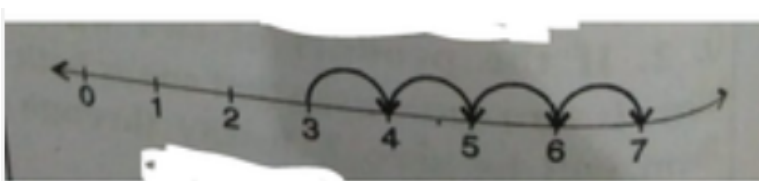A. 6×2

B. 2×6

C. $2 + 6$

D. $6 + 2$

Answer:

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58. Which of the following is shown on the given number line ?
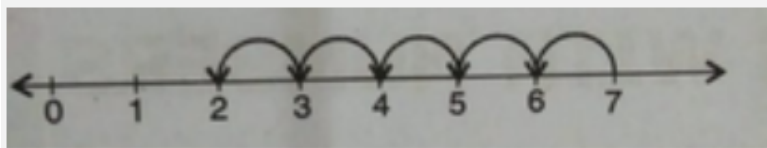
A. 3×4

B. 4×3

C. $4 + 3$

D. $3 + 4.$

Answer:

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59. Which of the following is shown on the given number line ?

A. 2 + 5

B. 5 + 2

C. 44379

D. 7-5.

Answer:

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60. The whole number which comes just before 1002 is :

A. 10000

B. 10002

C. 9999

D. 9998

Answer:

61. The smallest natural number is :

A. 1

B. 0

C. 9

D. 10

Answer:

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62. Which is the smallest whole number?

A. 1

B. 0

C. -1

D. 9

Answer:

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63. Write the successor of :

100199

A. 100198

B. 100197

C. 100200

D. 100201.

Answer: C

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64. Write the predecessor of :

10000

A. 10001

B. 9999

C. 10002

D. 9998.

Answer:

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65. How many whole numbers are there between 32 and 53?

A. 21

B. 22

C. 19

D. 20

Answer:

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