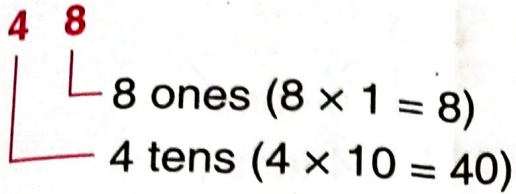


5.4 Numbers in Expanded Form

Expanded form of a number can be obtained by breaking it and using the place value of digits in the number.

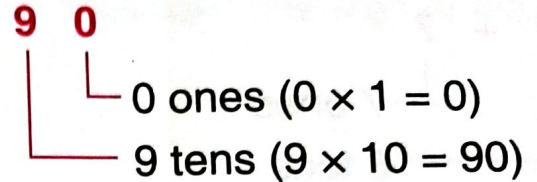
Example 1 : Write the expanded form of number 48.



Expanded form of number
 $48 = 40 + 8$.

H.w
30.7.21

Example 2 : Write the expanded form of number 90.



Expanded form of number
 $90 = 90 + 0$.

Exercise

Write the numbers given below in expanded form :

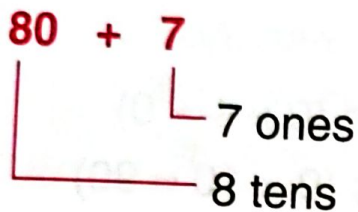
1. 25 = 20 + 5
2. 32 = 30 + 2
3. 39 = 30 + 9
4. 66 = 60 + 6
5. 79 = 70 + 9
6. 82 = 80 + 2
7. 98 = 90 + 8
8. 56 = 50 + 6
9. 67 = 60 + 7
10. 19 = 10 + 9
11. 73 = 70 + 3
12. 55 = 50 + 5

13. 59 = 50 + 9
14. 97 = 90 + 7
15. 16 = 10 + 6
16. 89 = 80 + 9
17. 74 = 70 + 4
18. 24 = 20 + 4
19. 78 = 70 + 8
20. 86 = 80 + 6
21. 90 = 90 + 0
22. 72 = 70 + 2
23. 36 = 30 + 6
24. 99 = 90 + 9

5.5 Numbers in Compact Form

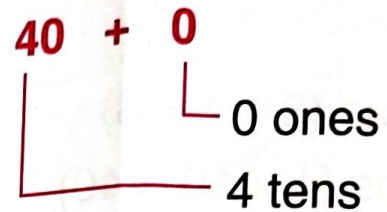
The compact form of a number is written using the digits 0-9 according to their place value.

Example 1 : Write $80 + 7$ in compact form.



Compact form of $80 + 7 = 87$

Example 2 : Write $40 + 0$ in compact form.



Compact form of $40 + 0 = 40$

Exercise

Write in compact form

1. $20 + 6 = 26$
2. $30 + 6 = 36$
3. $60 + 8 = 68$
4. $30 + 8 = 38$
5. $20 + 3 = 23$
6. $40 + 7 = 47$
7. $50 + 0 = 50$
8. $00 + 2 = 002$

9. $10 + 7 = 17$
10. $60 + 2 = 62$
11. $80 + 8 = 88$
12. $50 + 2 = 52$
13. $70 + 6 = 76$
14. $60 + 4 = 64$
15. $00 + 8 = 008$
16. $00 + 1 = 001$

17. $20 + 2 = 22$
18. $60 + 6 = 66$
19. $50 + 7 = 57$
20. $60 + 9 = 69$
21. $40 + 4 = 44$
22. $30 + 3 = 33$
23. $20 + 7 = 27$
24. $30 + 9 = 39$