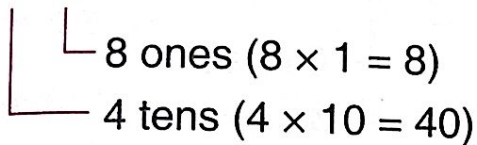


5.4 Numbers in Expanded Form

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.

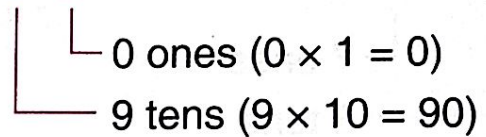
4 8



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

Example 2 : Write the expanded form of number 90.

9 0



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 = $70 + 2$

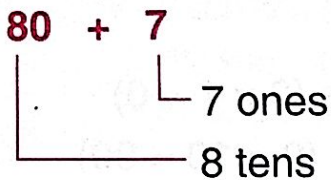
23. 36 = $30 + 6$

24. 99 = $90 + 9$

5.5 Numbers in Compact Form

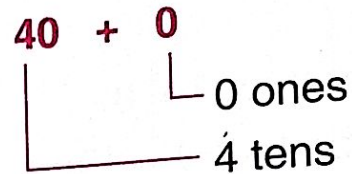
The compact form of a number is written using the digits 0-9 according to their place value.

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. $00 + 2 = 2$

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. $00 + 8 = 8$

16. $00 + 1 = 1$

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. $30 + 9 = 39$