

EduSahara™ Learning Center Assignment**Grade : Class VIII, ICSE****Chapter : Decimals****Name : Decimal Number Expansion****Licensed To : Teachers and Students for non-commercial use**

1. Expand the decimal number 4.7

(i) $400 + 70$

(ii) $40 + 7$

(iii) $4 + \frac{7}{10}$

(iv) $\frac{4}{10} + \frac{7}{100}$

(v) $\frac{4}{100} + \frac{7}{1000}$

2. Expand the decimal number 8.08

(i) $\frac{8}{10} + \frac{8}{1000}$

(ii) $8 + \frac{8}{100}$

(iii) $\frac{8}{100} + \frac{8}{10000}$

(iv) $80 + \frac{8}{10}$

(v) $800 + 8$

3. Expand the decimal number 9.002

(i) $9 + \frac{2}{1000}$

(ii) $900 + \frac{2}{10}$

(iii) $\frac{9}{100}$

(iv) $\frac{9}{10} + \frac{2}{10000}$

(v) $90 + \frac{2}{100}$

4. Expand the decimal number 9.0009

(i) $9 + \frac{9}{10000}$

(ii) $900 + \frac{9}{100}$

(iii) $\frac{9}{10} + \frac{1}{10000}$

(iv) $\frac{9}{100}$

(v) $90 + \frac{9}{1000}$

Write the decimal number of the expanded form :

5. $8 + \frac{1}{10}$

- (i) 0.1 (ii) 81 (iii) 0.8 (iv) 8.1 (v) 810
-

Write the decimal number of the expanded form :

6. $6 + \frac{1}{100}$

- (i) 0.06 (ii) 60.1 (iii) 6.01 (iv) 601 (v) 0.6
-

Write the decimal number of the expanded form :

7. $5 + \frac{7}{1000}$

- (i) 500.7 (ii) 50.07 (iii) 0.501 (iv) 5.007 (v) 0.05
-

Write the decimal number of the expanded form :

8. $6 + \frac{1}{1000}$

- (i) 0.06 (ii) 0.6001 (iii) 600.1 (iv) 60.01 (v) 6.001
-

9. Expand the decimal number 10.8

(i) $1 + \frac{8}{100}$

(ii) $100 + 8$

(iii) $1000 + 80$

(iv) $\frac{1}{10} + \frac{8}{1000}$

(v) $10 + \frac{8}{10}$

10. Expand the decimal number 1.03

(i) $10 + \frac{3}{10}$

(ii) $100 + 3$

(iii) $\frac{1}{10} + \frac{3}{1000}$

(iv) $\frac{1}{100} + \frac{3}{10000}$

(v) $1 + \frac{3}{100}$

11. Expand the decimal number 9.010

(i) $900 + 1$

(ii) $9 + \frac{1}{100}$

(iii) $90 + \frac{1}{10}$

(iv) $\frac{9}{10} + \frac{1}{1000}$

(v) $\frac{9}{100} + \frac{1}{10000}$

12. Expand the decimal number 8.0001

(i) $\frac{8}{10}$

(ii) $\frac{8}{100}$

(iii) $800 + \frac{1}{100}$

(iv) $8 + \frac{1}{10000}$

(v) $80 + \frac{1}{1000}$

Write the decimal number of the expanded form :

13. $3 + \frac{9}{10}$

(i) 39 (ii) 0.4 (iii) 0 (iv) 3.9 (v) 390

Write the decimal number of the expanded form :

14. $8 + \frac{8}{100}$

(i) 0.81 (ii) 80.8 (iii) 0.08 (iv) 8.08 (v) 808

Write the decimal number of the expanded form :

15. $8 + \frac{1}{100}$

(i) 801 (ii) 0.801 (iii) 0.08 (iv) 8.01 (v) 80.1

Write the decimal number of the expanded form :

16. $2 + \frac{3}{10000}$

(i) 20.003 (ii) 200.03 (iii) 2.0003 (iv) 0.02 (v) 0.2

Assignment Key

- 1) (iii)
- 2) (ii)
- 3) (i)
- 4) (i)
- 5) (iv)
- 6) (iii)
- 7) (iv)
- 8) (v)
- 9) (v)
- 10) (v)
- 11) (ii)
- 12) (iv)
- 13) (iv)
- 14) (iv)
- 15) (iv)
- 16) (iii)