

EduSahara™ Learning Center Assignment**Grade : Class VII, SSC****Chapter : Fractions, Decimals and Rational Numbers****Name : Decimal Number Expansion****Licensed To : Teachers and Students for non-commercial use**

1. Expand the decimal number 10.3

(i) $1000 + 30$

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

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

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

(v) $100 + 3$

2. Expand the decimal number 5.10

(i) $50 + 1$

(ii) $\frac{5}{100} + \frac{1}{1000}$

(iii) $500 + 10$

(iv) $5 + \frac{1}{10}$

(v) $\frac{5}{10} + \frac{1}{100}$

3. Expand the decimal number 3.002

(i) $30 + \frac{2}{100}$

(ii) $300 + \frac{2}{10}$

(iii) $\frac{3}{10} + \frac{2}{10000}$

(iv) $\frac{3}{100}$

(v) $3 + \frac{2}{1000}$

4. Expand the decimal number 3.0002

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

(ii) $30 + \frac{2}{1000}$

(iii) $\frac{3}{100}$

(iv) $300 + \frac{2}{100}$

(v) $3 + \frac{2}{10000}$

Write the decimal number of the expanded form :

5. $2 + \frac{6}{10}$

(i) 0 (ii) 2.6 (iii) 0.3 (iv) 260 (v) 26

Write the decimal number of the expanded form :

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

(i) 10.1 (ii) 0.01 (iii) 1.01 (iv) 0.1 (v) 101

Write the decimal number of the expanded form :

7. $2 + \frac{4}{1000}$

(i) 200.4 (ii) 0.2 (iii) 2.004 (iv) 0.02 (v) 20.04

Write the decimal number of the expanded form :

8. $10 + \frac{9}{10000}$

(i) 10.0009 (ii) 100.009 (iii) 1.0001 (iv) 1000.09 (v) 0.1

9. Expand the decimal number 1.3

(i) $\frac{1}{10} + \frac{3}{100}$

(ii) $100 + 30$

(iii) $10 + 3$

(iv) $\frac{1}{100} + \frac{3}{1000}$

(v) $1 + \frac{3}{10}$

10. Expand the decimal number 2.06

(i) $20 + \frac{6}{10}$

(ii) $\frac{2}{100} + \frac{6}{10000}$

(iii) $200 + 6$

(iv) $2 + \frac{6}{100}$

(v) $\frac{2}{10} + \frac{6}{1000}$

11. Expand the decimal number 2.004

(i) $\frac{2}{100}$

(ii) $200 + \frac{4}{10}$

(iii) $\frac{2}{10} + \frac{4}{10000}$

(iv) $2 + \frac{4}{1000}$

(v) $20 + \frac{4}{100}$

12. Expand the decimal number 9.0002

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

(ii) $900 + \frac{2}{100}$

(iii) $9 + \frac{2}{10000}$

(iv) $90 + \frac{2}{1000}$

(v) $\frac{9}{10}$

Write the decimal number of the expanded form :

13. $7 + \frac{2}{10}$

(i) 7.2 (ii) 720 (iii) 0.1 (iv) 72 (v) 0.7

Write the decimal number of the expanded form :

14. $9 + \frac{5}{100}$

(i) 90.5 (ii) 9.05 (iii) 0.09 (iv) 905 (v) 0.91

Write the decimal number of the expanded form :

15. $7 + \frac{9}{1000}$

(i) 700.9 (ii) 0.701 (iii) 7.009 (iv) 70.09 (v) 0.07

Write the decimal number of the expanded form :

16. $10 + \frac{6}{10000}$

(i) 100.006 (ii) 1000.06 (iii) 1.0001 (iv) 0.1 (v) 10.0006

Assignment Key

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