

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

1. Expand the decimal number 4.1

(i) $\frac{4}{100} + \frac{1}{1000}$

(ii) $\frac{4}{10} + \frac{1}{100}$

(iii) $4 + \frac{1}{10}$

(iv) $400 + 10$

(v) $40 + 1$

2. Expand the decimal number 8.03

(i) $\frac{8}{100} + \frac{3}{10000}$

(ii) $\frac{8}{10} + \frac{3}{1000}$

(iii) $80 + \frac{3}{10}$

(iv) $800 + 3$

(v) $8 + \frac{3}{100}$

3. Expand the decimal number 3.005

(i) $300 + \frac{5}{10}$

(ii) $30 + \frac{5}{100}$

(iii) $\frac{3}{10} + \frac{5}{10000}$

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

(v) $3 + \frac{5}{1000}$

4. Expand the decimal number 8.0007

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

(ii) $800 + \frac{7}{100}$

(iii) $80 + \frac{7}{1000}$

(iv) $\frac{8}{10} + \frac{1}{10000}$

(v) $8 + \frac{7}{10000}$

Write the decimal number of the expanded form :

5. $10 + \frac{9}{10}$

- (i) 1.1 (ii) 0.1 (iii) 10.9 (iv) 109 (v) 1090
-

Write the decimal number of the expanded form :

6. $6 + \frac{3}{100}$

- (i) 6.03 (ii) 0.06 (iii) 603 (iv) 0.6 (v) 60.3
-

Write the decimal number of the expanded form :

7. $10 + \frac{1}{1000}$

- (i) 1 (ii) 0.1 (iii) 100.01 (iv) 10.001 (v) 1000.1
-

Write the decimal number of the expanded form :

8. $2 + \frac{4}{10000}$

- (i) 0.02 (ii) 0.2 (iii) 200.04 (iv) 2.0004 (v) 20.004
-

9. "three tenths" is how much?

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

(ii) $3 + \frac{3}{10} + \frac{3}{100} + \frac{3}{1000} + \frac{3}{10000}$

(iii) 3

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

(v) 30

10. "six tenths and one hundredths" is how much?

(i) $6 + \frac{1}{10}$

(ii) $60 + 1$

(iii) $1 + \frac{6}{10} + \frac{3}{100} + \frac{9}{1000} + \frac{3}{10000}$

(iv) $\frac{6}{100} + \frac{1}{1000}$

(v) $\frac{6}{10} + \frac{1}{100}$

11. "seven thousandths" is how much?

- (i) $\frac{7}{10000}$
 - (ii) $\frac{7}{10}$
 - (iii) $\frac{7}{100}$
 - (iv) $100 + 40 + 2 + \frac{8}{10} + \frac{5}{100} + \frac{7}{1000} + \frac{1}{10000}$
 - (v) $\frac{7}{1000}$
-

12. "four thousandths and three ten thousandths" is how much?

- (i) $\frac{4}{1000} + \frac{3}{10000}$
 - (ii) $\frac{4}{100} + \frac{3}{1000}$
 - (iii) $\frac{4}{10} + \frac{3}{100}$
 - (iv) $\frac{4}{10000}$
 - (v) $200 + 30 + 2 + \frac{5}{10} + \frac{5}{100} + \frac{8}{1000} + \frac{1}{10000}$
-

13. "five ones and nine tenths" is how much?

- (i) $\frac{1}{10} + \frac{6}{100} + \frac{9}{1000} + \frac{5}{10000}$
 - (ii) $\frac{5}{10} + \frac{9}{100}$
 - (iii) $500 + 90$
 - (iv) $50 + 9$
 - (v) $5 + \frac{9}{10}$
-

14. "seven ones and seven tenths and one hundredths" is how much?

- (i) $7 + \frac{7}{10} + \frac{1}{100}$
 - (ii) $700 + 70 + 1$
 - (iii) $\frac{1}{10} + \frac{2}{100} + \frac{9}{1000} + \frac{7}{10000}$
 - (iv) $\frac{7}{10} + \frac{7}{100} + \frac{1}{1000}$
 - (v) $70 + 7 + \frac{1}{10}$
-

15. "nine tens two ones and nine thousandths" is how much?

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

$$(ii) \quad 900 + 20 + \frac{9}{100}$$

$$(iii) \quad 90 + 2 + \frac{9}{1000}$$

$$(iv) \quad 9000 + 200 + \frac{9}{10}$$

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

16. "five hundreds nine tens two ones and one thousandths and one ten thousandths" is how much?

$$(i) \quad 5000 + 900 + 20 + \frac{1}{100} + \frac{1}{1000}$$

$$(ii) \quad 50 + 9 + \frac{2}{10} + \frac{1}{10000}$$

$$(iii) \quad 50000 + 9000 + 200 + \frac{1}{10} + \frac{1}{100}$$

$$(iv) \quad 500 + 90 + 2 + \frac{1}{1000} + \frac{1}{10000}$$

$$(v) \quad \frac{1}{1000} + \frac{7}{10000}$$

Assignment Key

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