

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

1. Expand the decimal number 9.1

(i) $\frac{9}{100} + \frac{1}{1000}$

(ii) $\frac{9}{10} + \frac{1}{100}$

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

(iv) $900 + 10$

(v) $90 + 1$

2. Expand the decimal number 8.10

(i) $80 + 1$

(ii) $800 + 10$

(iii) $8 + \frac{1}{10}$

(iv) $\frac{8}{10} + \frac{1}{100}$

(v) $\frac{8}{100} + \frac{1}{1000}$

3. Expand the decimal number 6.007

(i) $60 + \frac{7}{100}$

(ii) $600 + \frac{7}{10}$

(iii) $\frac{6}{10} + \frac{7}{10000}$

(iv) $6 + \frac{7}{1000}$

(v) $\frac{6}{100} + \frac{1}{10000}$

4. Expand the decimal number 3.0009

(i) $\frac{3}{10} + \frac{1}{10000}$

(ii) $300 + \frac{9}{100}$

(iii) $30 + \frac{9}{1000}$

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

(v) $3 + \frac{9}{10000}$

Write the decimal number of the expanded form :

5. $3 + \frac{1}{10}$

- (i) 31 (ii) 310 (iii) 0.3 (iv) 0 (v) 3.1
-

Write the decimal number of the expanded form :

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

- (i) 306 (ii) 30.6 (iii) 0.03 (iv) 0.31 (v) 3.06
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Write the decimal number of the expanded form :

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

- (i) 0.07 (ii) 0.701 (iii) 70.05 (iv) 7.005 (v) 700.5
-

Write the decimal number of the expanded form :

8. $10 + \frac{3}{10000}$

- (i) 0.1 (ii) 10.0003 (iii) 1000.03 (iv) 100.003 (v) 1
-

9. "one tenths" is how much?

(i) 1

(ii) 10

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

(iv) $\frac{1}{100}$

10. "two tenths and four hundredths" is how much?

(i) $20 + 4$

(ii) $\frac{2}{100} + \frac{4}{1000}$

(iii) $\frac{2}{10} + \frac{4}{100}$

(iv) $2 + \frac{4}{10}$

(v) $4 + \frac{1}{10} + \frac{6}{100} + \frac{6}{1000} + \frac{7}{10000}$

11. "one hundredths and five thousandths" is how much?

- (i) $1 + \frac{5}{10}$
 - (ii) $60 + 6 + \frac{6}{10} + \frac{6}{100} + \frac{6}{1000} + \frac{7}{10000}$
 - (iii) $\frac{1}{100} + \frac{5}{1000}$
 - (iv) $\frac{1}{10} + \frac{5}{100}$
 - (v) $\frac{1}{1000} + \frac{5}{10000}$
-

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

- (i) $\frac{3}{10} + \frac{4}{100}$
 - (ii) $\frac{3}{100} + \frac{4}{1000}$
 - (iii) $200 + 90 + 4 + \frac{1}{10} + \frac{1}{100} + \frac{7}{1000} + \frac{6}{10000}$
 - (iv) $\frac{3}{1000} + \frac{4}{10000}$
 - (v) $\frac{3}{10000}$
-

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

- (i) $200 + 90$
 - (ii) $\frac{3}{10} + \frac{4}{100} + \frac{4}{1000} + \frac{8}{10000}$
 - (iii) $2 + \frac{9}{10}$
 - (iv) $20 + 9$
 - (v) $\frac{2}{10} + \frac{9}{100}$
-

14. "four ones and six tenths and five hundredths" is how much?

- (i) $4 + \frac{6}{10} + \frac{5}{100}$
 - (ii) $40 + 6 + \frac{5}{10}$
 - (iii) $400 + 60 + 5$
 - (iv) $\frac{4}{10} + \frac{6}{100} + \frac{5}{1000}$
 - (v) $\frac{2}{10} + \frac{1}{100} + \frac{5}{1000} + \frac{1}{10000}$
-

15. "eight tens five ones and five hundredths and seven thousandths" is how much?

- (i) $8 + \frac{5}{10} + \frac{5}{1000} + \frac{7}{10000}$
- (ii) $8000 + 500 + 5 + \frac{7}{10}$

$$(iii) \quad 800 + 50 + \frac{5}{10} + \frac{7}{100}$$

$$(iv) \quad 80 + 5 + \frac{5}{100} + \frac{7}{1000}$$

$$(v) \quad \frac{1}{100} + \frac{1}{1000} + \frac{8}{10000}$$

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

$$(i) \quad 20 + 9 + \frac{6}{10} + \frac{9}{10000}$$

$$(ii) \quad \frac{3}{1000} + \frac{4}{10000}$$

$$(iii) \quad 2000 + 900 + 60 + \frac{8}{100} + \frac{5}{1000}$$

$$(iv) \quad 20000 + 9000 + 600 + \frac{8}{10} + \frac{5}{100}$$

$$(v) \quad 200 + 90 + 6 + \frac{8}{1000} + \frac{5}{10000}$$

Assignment Key

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