

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

1. Expand the decimal number 8.9

(i) $8 + \frac{9}{10}$

(ii) $800 + 90$

(iii) $\frac{8}{100} + \frac{9}{1000}$

(iv) $\frac{8}{10} + \frac{9}{100}$

(v) $80 + 9$

2. Expand the decimal number 4.03

(i) $\frac{4}{100} + \frac{3}{10000}$

(ii) $4 + \frac{3}{100}$

(iii) $\frac{4}{10} + \frac{3}{1000}$

(iv) $40 + \frac{3}{10}$

(v) $400 + 3$

3. Expand the decimal number 2.007

(i) $20 + \frac{7}{100}$

(ii) $2 + \frac{7}{1000}$

(iii) $200 + \frac{7}{10}$

(iv) $\frac{2}{100} + \frac{1}{10000}$

(v) $\frac{2}{10} + \frac{7}{10000}$

4. Expand the decimal number 2.0002

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

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

(iii) $20 + \frac{2}{1000}$

(iv) $200 + \frac{2}{100}$

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

Write the decimal number of the expanded form :

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

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

Write the decimal number of the expanded form :

6. $3 + \frac{1}{10}$

- (i) 3.1 (ii) 31 (iii) 310 (iv) 0.31 (v) 0.03
-

Write the decimal number of the expanded form :

7. $5 + \frac{9}{1000}$

- (i) 0.05 (ii) 500.9 (iii) 50.09 (iv) 5.009 (v) 0.501
-

Write the decimal number of the expanded form :

8. $1 + \frac{9}{10000}$

- (i) 0.1001 (ii) 0.01 (iii) 1.0009 (iv) 10.009 (v) 100.09
-

9. "nine tenths" is how much?

(i) $1 + \frac{1}{10} + \frac{1}{100} + \frac{1}{1000} + \frac{1}{10000}$

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

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

(iv) 90

(v) 9

10. "five tenths" is how much?

(i) 50

(ii) 5

(iii) 2

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

(v) $\frac{5}{100}$

11. "four hundredths and four thousandths" is how much?

- (i) $\frac{4}{100} + \frac{4}{1000}$
 - (ii) $\frac{4}{1000} + \frac{4}{10000}$
 - (iii) $4 + \frac{4}{10}$
 - (iv) $\frac{4}{10} + \frac{4}{100}$
 - (v) $20 + 2 + \frac{7}{10} + \frac{2}{100} + \frac{7}{1000} + \frac{3}{10000}$
-

12. "eight thousandths and six ten thousandths" is how much?

- (i) $\frac{8}{100} + \frac{6}{1000}$
 - (ii) $\frac{9}{10000}$
 - (iii) $\frac{8}{10} + \frac{6}{100}$
 - (iv) $100 + 10 + 6 + \frac{2}{10} + \frac{7}{100} + \frac{9}{1000} + \frac{1}{10000}$
 - (v) $\frac{8}{1000} + \frac{6}{10000}$
-

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

- (i) $\frac{1}{10} + \frac{2}{1000}$
 - (ii) $\frac{9}{10} + \frac{8}{100}$
 - (iii) $90 + 8$
 - (iv) $9 + \frac{8}{10}$
 - (v) $900 + 80$
-

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

- (i) $5 + \frac{5}{10} + \frac{7}{100}$
 - (ii) $500 + 50 + 7$
 - (iii) $50 + 5 + \frac{7}{10}$
 - (iv) $\frac{5}{10} + \frac{5}{100} + \frac{7}{1000}$
 - (v) $\frac{1}{10} + \frac{7}{100} + \frac{9}{1000} + \frac{5}{10000}$
-

15. "two tens four ones and three hundredths and five thousandths" is how much?

- (i) $20 + 4 + \frac{3}{100} + \frac{5}{1000}$

$$(ii) \quad 2 + \frac{4}{10} + \frac{3}{1000} + \frac{5}{10000}$$

$$(iii) \quad 2000 + 400 + 3 + \frac{5}{10}$$

$$(iv) \quad 200 + 40 + \frac{3}{10} + \frac{5}{100}$$

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

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

$$(i) \quad \frac{3}{1000} + \frac{9}{10000}$$

$$(ii) \quad 2000 + 500 + 60 + \frac{3}{100} + \frac{8}{1000}$$

$$(iii) \quad 20000 + 5000 + 600 + \frac{3}{10} + \frac{8}{100}$$

$$(iv) \quad 20 + 5 + \frac{6}{10} + \frac{4}{10000}$$

$$(v) \quad 200 + 50 + 6 + \frac{3}{1000} + \frac{8}{10000}$$

17. Expand the decimal number 10.2

$$(i) \quad 1000 + 20$$

$$(ii) \quad 1 + \frac{2}{100}$$

$$(iii) \quad 10 + \frac{2}{10}$$

$$(iv) \quad \frac{1}{10} + \frac{2}{1000}$$

$$(v) \quad 100 + 2$$

18. Expand the decimal number 9.03

$$(i) \quad \frac{9}{10} + \frac{3}{1000}$$

$$(ii) \quad 90 + \frac{3}{10}$$

$$(iii) \quad \frac{9}{100} + \frac{3}{10000}$$

$$(iv) \quad 900 + 3$$

$$(v) \quad 9 + \frac{3}{100}$$

19. Expand the decimal number 5.001

$$(i) \quad 5 + \frac{1}{1000}$$

$$(ii) \quad 500 + \frac{1}{10}$$

$$(iii) \quad \frac{5}{10} + \frac{1}{10000}$$

(iv) $\frac{5}{100}$

(v) $50 + \frac{1}{100}$

20. Expand the decimal number 5.0009

(i) $\frac{5}{100}$

(ii) $5 + \frac{9}{10000}$

(iii) $\frac{5}{10} + \frac{1}{10000}$

(iv) $500 + \frac{9}{100}$

(v) $50 + \frac{9}{1000}$

Write the decimal number of the expanded form :

21. $6 + \frac{2}{10}$

(i) 62 (ii) 0.6 (iii) 620 (iv) 6.2 (v) 0.1

Write the decimal number of the expanded form :

22. $8 + \frac{2}{100}$

(i) 0.8 (ii) 802 (iii) 80.2 (iv) 0.08 (v) 8.02

Write the decimal number of the expanded form :

23. $7 + \frac{8}{1000}$

(i) 70.08 (ii) 0.701 (iii) 7.008 (iv) 700.8 (v) 0.07

Write the decimal number of the expanded form :

24. $10 + \frac{9}{10000}$

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

25. "five tenths" is how much?

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

(ii) 5

(iii) 50

(iv) 2

(v) $\frac{5}{100}$

26. "seven tenths and seven hundredths" is how much?

- (i) $\frac{7}{100} + \frac{7}{1000}$
 - (ii) $70 + 7$
 - (iii) $1 + \frac{2}{10} + \frac{9}{100} + \frac{8}{1000} + \frac{7}{10000}$
 - (iv) $7 + \frac{7}{10}$
 - (v) $\frac{7}{10} + \frac{7}{100}$
-

27. "nine hundredths and six thousandths" is how much?

- (i) $\frac{9}{100} + \frac{6}{1000}$
 - (ii) $\frac{9}{10} + \frac{6}{100}$
 - (iii) $10 + \frac{4}{10} + \frac{1}{100} + \frac{6}{1000} + \frac{7}{10000}$
 - (iv) $\frac{9}{1000} + \frac{6}{10000}$
 - (v) $9 + \frac{6}{10}$
-

28. "three ten thousandths" is how much?

- (i) $\frac{3}{100}$
 - (ii)
 - (iii) $\frac{3}{10000}$
 - (iv) $\frac{3}{1000}$
 - (v) $3000 + 300 + 30 + 3 + \frac{3}{10} + \frac{3}{100} + \frac{3}{1000} + \frac{3}{10000}$
-

29. "four ones and three tenths" is how much?

- (i) $40 + 3$
 - (ii) $400 + 30$
 - (iii) $\frac{4}{10} + \frac{3}{100}$
 - (iv) $\frac{2}{10} + \frac{3}{100} + \frac{2}{1000} + \frac{6}{10000}$
 - (v) $4 + \frac{3}{10}$
-

30. "five ones and five tenths and five hundredths" is how much?

- (i) $50 + 5 + \frac{5}{10}$
- (ii) $500 + 50 + 5$

$$(iii) \frac{5}{10} + \frac{5}{100} + \frac{5}{1000}$$

$$(iv) 5 + \frac{5}{10} + \frac{5}{100}$$

$$(v) \frac{1}{10} + \frac{8}{100} + \frac{2}{10000}$$

31. "seven tens nine ones and three hundredths and three thousandths" is how much?

$$(i) 7000 + 900 + 3 + \frac{3}{10}$$

$$(ii) 7 + \frac{9}{10} + \frac{3}{1000} + \frac{3}{10000}$$

$$(iii) 700 + 90 + \frac{3}{10} + \frac{3}{100}$$

$$(iv) 70 + 9 + \frac{3}{100} + \frac{3}{1000}$$

$$(v) \frac{1}{100} + \frac{2}{1000} + \frac{7}{10000}$$

32. "four hundreds four tens and six thousandths and seven ten thousandths" is how much?

$$(i) 40000 + 4000 + \frac{6}{10} + \frac{7}{100}$$

$$(ii) 400 + 40 + \frac{6}{1000} + \frac{7}{10000}$$

$$(iii) \frac{2}{1000} + \frac{3}{10000}$$

$$(iv) 40 + 4 + \frac{7}{10000}$$

$$(v) 4000 + 400 + \frac{6}{100} + \frac{7}{1000}$$

Assignment Key

- 1) (i)
- 2) (ii)
- 3) (ii)
- 4) (v)
- 5) (iv)
- 6) (i)
- 7) (iv)
- 8) (iii)
- 9) (iii)
- 10) (iv)
- 11) (i)
- 12) (v)
- 13) (iv)
- 14) (i)
- 15) (i)
- 16) (v)
- 17) (iii)
- 18) (v)
- 19) (i)
- 20) (ii)
- 21) (iv)
- 22) (v)
- 23) (iii)
- 24) (iv)
- 25) (i)
- 26) (v)
- 27) (i)
- 28) (iii)
- 29) (v)
- 30) (iv)
- 31) (iv)
- 32) (ii)