EduSahara™ Assignment

Name : Decimal Number Expansion

Chapter : Fractions and Decimals

Grade : CBSE Grade VII

1. Expand the decimal number 428.6

(i) $400+20+8+\frac{6}{1000}$ (ii) $400+20+8+\frac{6}{100}$ (iii) $4+\frac{2}{10}+\frac{8}{100}+\frac{6}{1000}$ (iv) $40+2+\frac{8}{10}+\frac{6}{100}$

(v) $400+20+8+\frac{6}{10}$

2. Expand the decimal number 250.20

(i) $200+50+\frac{2}{100}$ (ii) $200+50+\frac{2}{10}$ (iii) $20+5+\frac{2}{100}$ (iv) $200+50+\frac{2}{1000}$ (v) $2+\frac{5}{10}+\frac{2}{1000}$

3. Expand the decimal number 99.703

(i) $9+\frac{9}{10}+\frac{7}{100}+\frac{3}{10000}$ (ii) $90+9+\frac{7}{10}+\frac{3}{1000}$ (iii) $90+9+\frac{7}{100}+\frac{3}{10000}$ (iv) $\frac{9}{10}+\frac{9}{100}+\frac{7}{1000}$

(v) $90+9+\frac{7}{1000}$

4. Expand the decimal number 60.6272

(i) $60+\frac{6}{100}+\frac{2}{1000}+\frac{7}{10000}$ (ii) $\frac{6}{10}+\frac{6}{1000}+\frac{3}{10000}$ (iii) $60+\frac{6}{1000}+\frac{3}{10000}$

(iv) $60+\frac{6}{10}+\frac{2}{100}+\frac{7}{1000}+\frac{2}{10000}$ (v) $6+\frac{6}{100}+\frac{2}{1000}+\frac{7}{10000}$

5. Write the decimal number of the expanded form :

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

(i) 5.008 (ii) 5.8 (iii) 5.08 (iv) 0.58 (v) 0.058

6. Write the decimal number of the expanded form :

$10+\frac{6}{10}+\frac{7}{100}$

(i) 0.1067 (ii) 10.067 (iii) 10.0067 (iv) 10.67 (v) 1.067

7. Write the decimal number of the expanded form :

$7+\frac{9}{10}+\frac{3}{100}$

(i) 0.793 (ii) 0.0793 (iii) 7.93 (iv) 7.0093 (v) 7.093

8. Write the decimal number of the expanded form :

$2+\frac{8}{10}+\frac{5}{100}+\frac{2}{1000}+\frac{9}{10000}$

(i) 2.08529 (ii) 2.8529 (iii) 0.028529 (iv) 2.008529 (v) 0.28529

9. "eight tenths" is how much?

(i) $\frac{8}{10}$ (ii) $\frac{8}{100}$ (iii) 8 (iv) 80 (v) $1+\frac{2}{10}+\frac{5}{100}$

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

(i) $\frac{8}{100}+\frac{6}{1000}$ (ii) $1+\frac{1}{10}+\frac{6}{100}+\frac{2}{1000}+\frac{8}{10000}$ (iii) $\frac{8}{10}+\frac{6}{100}$ (iv) $8+\frac{6}{10}$ (v) $80+6$

11. "eight hundredths and nine thousandths" is how much?

(i) $\frac{8}{1000}+\frac{9}{10000}$ (ii) $8+\frac{9}{10}$ (iii) $10+1+\frac{2}{10}+\frac{3}{100}+\frac{6}{1000}$ (iv) $\frac{8}{100}+\frac{9}{1000}$ (v) $\frac{8}{10}+\frac{9}{100}$

12. "seven thousandths and seven ten thousandths" is how much?

(i) $\frac{8}{10000}$ (ii) $\frac{7}{10}+\frac{7}{100}$ (iii) $\frac{7}{1000}+\frac{7}{10000}$ (iv) $\frac{7}{100}+\frac{7}{1000}$ (v) $100+20+9+\frac{8}{10}+\frac{7}{100}+\frac{1}{10000}$

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

(i) $\frac{8}{10}+\frac{3}{100}$ (ii) $80+3$ (iii) $800+30$ (iv) $8+\frac{3}{10}$ (v) $\frac{1}{10}+\frac{2}{100}+\frac{5}{10000}$

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

(i) $2+\frac{7}{10}+\frac{3}{100}$ (ii) $20+7+\frac{3}{10}$ (iii) $\frac{3}{10}+\frac{6}{100}+\frac{6}{1000}+\frac{3}{10000}$ (iv) $200+70+3$ (v) $\frac{2}{10}+\frac{7}{100}+\frac{3}{1000}$

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

(i) $10+4+\frac{2}{100}+\frac{9}{1000}$ (ii) $100+40+\frac{2}{10}+\frac{9}{100}$ (iii) $\frac{7}{100}+\frac{1}{1000}+\frac{3}{10000}$ (iv) $1+\frac{4}{10}+\frac{2}{1000}+\frac{9}{10000}$

(v) $1000+400+2+\frac{9}{10}$

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

(i) $\frac{1}{1000}+\frac{1}{10000}$ (ii) $90+\frac{8}{10}+\frac{1}{10000}$ (iii) $900+8+\frac{1}{1000}+\frac{2}{10000}$ (iv) $9000+80+\frac{1}{100}+\frac{2}{1000}$

(v) $90000+800+\frac{1}{10}+\frac{2}{100}$

17. Expand the decimal number 906.8

(i) $900+6+\frac{8}{1000}$ (ii) $90+\frac{6}{10}+\frac{8}{100}$ (iii) $9+\frac{6}{100}+\frac{8}{1000}$ (iv) $900+6+\frac{8}{100}$ (v) $900+6+\frac{8}{10}$

18. Expand the decimal number 296.81

(i) $2+\frac{9}{10}+\frac{6}{100}+\frac{8}{1000}+\frac{1}{10000}$ (ii) $200+90+6+\frac{8}{1000}+\frac{1}{10000}$ (iii) $200+90+6+\frac{8}{100}+\frac{1}{1000}$

(iv) $200+90+6+\frac{8}{10}+\frac{1}{100}$ (v) $20+9+\frac{6}{10}+\frac{8}{100}+\frac{1}{1000}$

19. Expand the decimal number 23.356

(i) $2+\frac{3}{10}+\frac{3}{100}+\frac{5}{1000}+\frac{6}{10000}$ (ii) $20+3+\frac{3}{1000}+\frac{6}{10000}$ (iii) $20+3+\frac{3}{10}+\frac{5}{100}+\frac{6}{1000}$

(iv) $\frac{2}{10}+\frac{3}{100}+\frac{3}{1000}+\frac{6}{10000}$ (v) $20+3+\frac{3}{100}+\frac{5}{1000}+\frac{6}{10000}$

20. Expand the decimal number 63.5786

(i) $6+\frac{3}{10}+\frac{5}{100}+\frac{7}{1000}+\frac{9}{10000}$ (ii) $\frac{6}{10}+\frac{3}{100}+\frac{5}{1000}+\frac{8}{10000}$ (iii) $60+3+\frac{5}{1000}+\frac{8}{10000}$

(iv) $60+3+\frac{5}{10}+\frac{7}{100}+\frac{8}{1000}+\frac{6}{10000}$ (v) $60+3+\frac{5}{100}+\frac{7}{1000}+\frac{9}{10000}$

21. Write the decimal number of the expanded form :

$4+\frac{6}{10}$

(i) 0.46 (ii) 4.006 (iii) 4.06 (iv) 0.046 (v) 4.6

22. Write the decimal number of the expanded form :

$4+\frac{9}{10}+\frac{1}{100}$

(i) 0.491 (ii) 4.0091 (iii) 4.091 (iv) 4.91 (v) 0.0491

23. Write the decimal number of the expanded form :

$4+\frac{2}{10}+\frac{4}{100}+\frac{4}{1000}$

(i) 0.04244 (ii) 4.244 (iii) 0.4244 (iv) 4.00244 (v) 4.0244

24. Write the decimal number of the expanded form :

$1+\frac{4}{10}+\frac{2}{100}+\frac{4}{1000}+\frac{7}{10000}$

(i) 1.04247 (ii) 1.004247 (iii) 0.14247 (iv) 1.4247 (v) 0.014247

25. "four tenths" is how much?

(i) 40 (ii) $\frac{4}{10}$ (iii) $\frac{4}{100}$ (iv) $2+\frac{5}{10}$ (v) 4

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

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

27. "seven hundredths and seven thousandths" is how much?

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

28. "seven thousandths and one ten thousandths" is how much?

(i) $\frac{7}{10000}$ (ii) $\frac{7}{1000}+\frac{1}{10000}$ (iii) $\frac{7}{10}+\frac{1}{100}$ (iv) $100+40+\frac{8}{10}+\frac{4}{100}+\frac{5}{1000}+\frac{1}{10000}$ (v) $\frac{7}{100}+\frac{1}{1000}$

29. "seven ones and five tenths" is how much?

(i) $700+50$ (ii) $70+5$ (iii) $\frac{1}{10}+\frac{3}{100}+\frac{3}{1000}+\frac{3}{10000}$ (iv) $7+\frac{5}{10}$ (v) $\frac{7}{10}+\frac{5}{100}$

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

(i) $60+7+\frac{5}{10}$ (ii) $\frac{6}{10}+\frac{7}{100}+\frac{5}{1000}$ (iii) $600+70+5$ (iv) $\frac{1}{10}+\frac{4}{100}+\frac{8}{1000}+\frac{1}{10000}$ (v) $6+\frac{7}{10}+\frac{5}{100}$

31. "eight tens two ones and one hundredths and six thousandths" is how much?

(i) $\frac{1}{100}+\frac{2}{1000}+\frac{2}{10000}$ (ii) $8000+200+1+\frac{6}{10}$ (iii) $80+2+\frac{1}{100}+\frac{6}{1000}$ (iv) $8+\frac{2}{10}+\frac{1}{1000}+\frac{6}{10000}$

(v) $800+20+\frac{1}{10}+\frac{6}{100}$

32. "nine hundreds one tens three ones and seven thousandths and three ten thousandths" is how much?

(i) $9000+100+30+\frac{7}{100}+\frac{3}{1000}$ (ii) $900+10+3+\frac{7}{1000}+\frac{3}{10000}$ (iii) $90000+1000+300+\frac{7}{10}+\frac{3}{100}$

(iv) $\frac{1}{1000}+\frac{1}{10000}$ (v) $90+1+\frac{3}{10}+\frac{7}{10000}$

Assignment Key

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