



1. Expand the decimal number 778.2

- (i) $700+70+8+\frac{2}{100}$ (ii) $7+\frac{7}{10}+\frac{8}{100}+\frac{2}{1000}$ (iii) $70+7+\frac{8}{10}+\frac{2}{100}$ (iv) $700+70+8+\frac{2}{1000}$
- (v) $700+70+8+\frac{2}{10}$

2. Expand the decimal number 710.57

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

3. Expand the decimal number 18.487

- (i) $1+\frac{8}{10}+\frac{4}{100}+\frac{8}{1000}+\frac{7}{10000}$ (ii) $\frac{1}{10}+\frac{8}{100}+\frac{4}{1000}+\frac{9}{10000}$ (iii) $10+8+\frac{4}{1000}+\frac{9}{10000}$
- (iv) $10+8+\frac{4}{100}+\frac{8}{1000}+\frac{7}{10000}$ (v) $10+8+\frac{4}{10}+\frac{8}{100}+\frac{7}{1000}$

4. Expand the decimal number 32.2469

- (i) $30+2+\frac{2}{100}+\frac{4}{1000}+\frac{7}{10000}$ (ii) $3+\frac{2}{10}+\frac{2}{100}+\frac{4}{1000}+\frac{7}{10000}$ (iii) $\frac{3}{10}+\frac{2}{100}+\frac{2}{1000}+\frac{5}{10000}$
- (iv) $30+2+\frac{2}{10}+\frac{4}{100}+\frac{6}{1000}+\frac{9}{10000}$ (v) $30+2+\frac{2}{1000}+\frac{5}{10000}$

Write the decimal number of the expanded form :

5. $4+\frac{1}{10}$

- (i) 0.041 (ii) 0.41 (iii) 4.1 (iv) 4.001 (v) 4.01

Write the decimal number of the expanded form :

6. $3+\frac{8}{10}$

- (i) 3.8 (ii) 3.008 (iii) 0.38 (iv) 3.08 (v) 0.038

Write the decimal number of the expanded form :

7. $3+\frac{6}{10}+\frac{5}{100}$

- (i) 0.365 (ii) 3.065 (iii) 0.0365 (iv) 3.0065 (v) 3.65

Write the decimal number of the expanded form :

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

- (i) 0.05292 (ii) 5.00292 (iii) 5.0292 (iv) 0.5292 (v) 5.292

9. "two tenths" is how much?

- (i) $\frac{2}{100}$ (ii) 2 (iii) 5 (iv) $\frac{2}{10}$ (v) 20

10. "eight tenths" is how much?

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

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

- (i) $3 + \frac{4}{10}$ (ii) $20 + 9 + \frac{4}{10} + \frac{1}{100} + \frac{1}{1000} + \frac{8}{10000}$ (iii) $\frac{3}{10} + \frac{4}{100}$ (iv) $\frac{3}{1000} + \frac{4}{10000}$ (v) $\frac{3}{100} + \frac{4}{1000}$

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

- (i) $\frac{5}{10000}$ (ii) $200 + 10 + 2 + \frac{7}{10} + \frac{6}{100} + \frac{6}{1000}$ (iii) $\frac{4}{100} + \frac{7}{1000}$ (iv) $\frac{4}{1000} + \frac{7}{10000}$ (v) $\frac{4}{10} + \frac{7}{100}$

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

- (i) $300 + 20$ (ii) $\frac{3}{10} + \frac{1}{100} + \frac{2}{1000} + \frac{5}{10000}$ (iii) $3 + \frac{2}{10}$ (iv) $30 + 2$ (v) $\frac{3}{10} + \frac{2}{100}$

14. "nine ones and one tenths" is how much?

- (i) $\frac{1}{10} + \frac{9}{1000} + \frac{9}{10000}$ (ii) $90 + 1$ (iii) $900 + 10$ (iv) $\frac{9}{10} + \frac{1}{100}$ (v) $9 + \frac{1}{10}$

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

- (i) $300 + 20 + \frac{6}{100}$ (ii) $3000 + 200 + \frac{6}{10}$ (iii) $3 + \frac{2}{10} + \frac{6}{10000}$ (iv) $\frac{3}{100} + \frac{1}{1000} + \frac{2}{10000}$ (v) $30 + 2 + \frac{6}{1000}$

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

- (i) $\frac{3}{1000}$ (ii) $30 + 2 + \frac{9}{10} + \frac{9}{10000}$ (iii) $300 + 20 + 9 + \frac{9}{1000} + \frac{2}{10000}$ (iv) $3000 + 200 + 90 + \frac{9}{100} + \frac{2}{1000}$
(v) $30000 + 2000 + 900 + \frac{9}{10} + \frac{2}{100}$

17. Expand the decimal number 188.3

- (i) $1 + \frac{8}{10} + \frac{8}{100} + \frac{3}{1000}$ (ii) $10 + 8 + \frac{8}{10} + \frac{3}{100}$ (iii) $100 + 80 + 8 + \frac{3}{10}$ (iv) $100 + 80 + 8 + \frac{3}{100}$
(v) $100 + 80 + 8 + \frac{3}{1000}$

18. Expand the decimal number 155.71

(i) $10+5+\frac{5}{10}+\frac{7}{100}+\frac{1}{1000}$ (ii) $100+50+5+\frac{7}{100}+\frac{1}{1000}$ (iii) $1+\frac{5}{10}+\frac{5}{100}+\frac{7}{1000}+\frac{1}{10000}$

(iv) $100+50+5+\frac{7}{1000}+\frac{1}{10000}$ (v) $100+50+5+\frac{7}{10}+\frac{1}{100}$

19. Expand the decimal number 72.926

(i) $70+2+\frac{9}{1000}+\frac{3}{10000}$ (ii) $\frac{7}{10}+\frac{2}{100}+\frac{9}{1000}+\frac{3}{10000}$ (iii) $70+2+\frac{9}{10}+\frac{2}{100}+\frac{6}{1000}$

(iv) $7+\frac{2}{10}+\frac{9}{100}+\frac{2}{1000}+\frac{6}{10000}$ (v) $70+2+\frac{9}{100}+\frac{2}{1000}+\frac{6}{10000}$

20. Expand the decimal number 15.1721

(i) $1+\frac{5}{10}+\frac{1}{100}+\frac{7}{1000}+\frac{2}{10000}$ (ii) $10+5+\frac{1}{10}+\frac{7}{100}+\frac{2}{1000}+\frac{1}{10000}$ (iii) $10+5+\frac{1}{100}+\frac{7}{1000}+\frac{2}{10000}$

(iv) $10+5+\frac{1}{1000}+\frac{7}{10000}$ (v) $\frac{1}{10}+\frac{5}{100}+\frac{1}{1000}+\frac{7}{10000}$

Write the decimal number of the expanded form :

21. $8+\frac{2}{10}$

(i) 0.082 (ii) 8.02 (iii) 0.82 (iv) 8.002 (v) 8.2

Write the decimal number of the expanded form :

22. $2+\frac{8}{10}+\frac{2}{100}$

(i) 2.0082 (ii) 0.0282 (iii) 2.82 (iv) 2.082 (v) 0.282

Write the decimal number of the expanded form :

23. $8+\frac{4}{10}+\frac{3}{100}+\frac{5}{1000}$

(i) 0.8435 (ii) 8.00435 (iii) 0.08435 (iv) 8.0435 (v) 8.435

Write the decimal number of the expanded form :

24. $3+\frac{4}{10}+\frac{8}{100}+\frac{8}{1000}+\frac{7}{10000}$

(i) 3.04887 (ii) 0.034887 (iii) 3.4887 (iv) 3.004887 (v) 0.34887

25. "nine tenths" is how much?

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

26. "nine tenths and eight hundredths" is how much?

(i) $90+8$ (ii) $1+\frac{2}{100}+\frac{4}{10000}$ (iii) $\frac{9}{100}+\frac{8}{1000}$ (iv) $9+\frac{8}{10}$ (v) $\frac{9}{10}+\frac{8}{100}$

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

(i) $4 + \frac{6}{10}$ (ii) $\frac{4}{100} + \frac{6}{1000}$ (iii) $\frac{4}{1000} + \frac{6}{10000}$ (iv) $\frac{4}{10} + \frac{6}{100}$ (v) $20 + 1 + \frac{7}{10} + \frac{3}{100} + \frac{9}{1000} + \frac{1}{10000}$

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

(i) $\frac{2}{10000}$ (ii) $\frac{1}{10} + \frac{5}{100}$ (iii) $600 + 60 + 6 + \frac{6}{10} + \frac{6}{100} + \frac{6}{1000} + \frac{7}{10000}$ (iv) $\frac{1}{1000} + \frac{5}{10000}$

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

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

(i) $2 + \frac{7}{10}$ (ii) $\frac{2}{10} + \frac{7}{100}$ (iii) $200 + 70$ (iv) $20 + 7$ (v) $\frac{3}{10} + \frac{7}{100} + \frac{4}{10000}$

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

(i) $\frac{1}{10} + \frac{7}{100} + \frac{3}{1000} + \frac{9}{10000}$ (ii) $500 + 70 + 5$ (iii) $50 + 7 + \frac{5}{10}$ (iv) $5 + \frac{7}{10} + \frac{5}{100}$ (v) $\frac{5}{10} + \frac{7}{100} + \frac{5}{1000}$

31. "two tens five ones and nine hundredths and five thousandths" is how much?

(i) $2000 + 500 + 9 + \frac{5}{10}$ (ii) $20 + 5 + \frac{9}{100} + \frac{5}{1000}$ (iii) $\frac{3}{100} + \frac{9}{1000} + \frac{8}{10000}$ (iv) $2 + \frac{5}{10} + \frac{9}{1000} + \frac{5}{10000}$

(v) $200 + 50 + \frac{9}{10} + \frac{5}{100}$

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

(i) $10000 + 3000 + 700 + \frac{6}{10} + \frac{1}{100}$ (ii) $1000 + 300 + 70 + \frac{6}{100} + \frac{1}{1000}$ (iii) $10 + 3 + \frac{7}{10} + \frac{6}{10000}$

(iv) $100 + 30 + 7 + \frac{6}{1000} + \frac{1}{10000}$ (v) $\frac{7}{1000} + \frac{3}{10000}$

Assignment Key

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