



1. Expand the decimal number 357.6

- (i) $3 + \frac{5}{10} + \frac{7}{100} + \frac{6}{1000}$ (ii) $300 + 50 + 7 + \frac{6}{100}$ (iii) $30 + 5 + \frac{7}{10} + \frac{6}{100}$ (iv) $300 + 50 + 7 + \frac{6}{10}$
(v) $300 + 50 + 7 + \frac{6}{1000}$

2. Expand the decimal number 101.16

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

3. Expand the decimal number 82.923

- (i) $\frac{8}{10} + \frac{2}{100} + \frac{9}{1000} + \frac{2}{10000}$ (ii) $80 + 2 + \frac{9}{10} + \frac{2}{100} + \frac{3}{1000}$ (iii) $8 + \frac{2}{10} + \frac{9}{100} + \frac{2}{1000} + \frac{3}{10000}$
(iv) $80 + 2 + \frac{9}{1000} + \frac{2}{10000}$ (v) $80 + 2 + \frac{9}{100} + \frac{2}{1000} + \frac{3}{10000}$

4. Expand the decimal number 45.3059

- (i) $40 + 5 + \frac{3}{1000} + \frac{1}{10000}$ (ii) $40 + 5 + \frac{3}{10} + \frac{5}{1000} + \frac{9}{10000}$ (iii) $4 + \frac{5}{10} + \frac{3}{100} + \frac{6}{10000}$
(iv) $40 + 5 + \frac{3}{100} + \frac{6}{10000}$ (v) $\frac{4}{10} + \frac{5}{100} + \frac{3}{1000} + \frac{1}{10000}$

Write the decimal number of the expanded form :

5. $9 + \frac{6}{10}$

- (i) 0.96 (ii) 0.096 (iii) 9.006 (iv) 9.06 (v) 9.6

Write the decimal number of the expanded form :

6. $2 + \frac{8}{10}$

- (i) 2.08 (ii) 0.28 (iii) 0.028 (iv) 2.008 (v) 2.8

Write the decimal number of the expanded form :

7. $10 + \frac{7}{10} + \frac{7}{100} + \frac{5}{1000}$

- (i) 1.0775 (ii) 0.10775 (iii) 10.0775 (iv) 10.00775 (v) 10.775

Write the decimal number of the expanded form :

8. $6 + \frac{5}{10} + \frac{1}{100} + \frac{3}{1000} + \frac{6}{10000}$

- (i) 6.5136 (ii) 0.65136 (iii) 0.065136 (iv) 6.05136 (v) 6.005136

9. "five tenths" is how much?

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

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

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

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

(i) $\frac{1}{10} + \frac{4}{100}$ (ii) $1 + \frac{4}{10}$ (iii) $\frac{1}{100} + \frac{4}{1000}$ (iv) $\frac{1}{1000} + \frac{4}{10000}$ (v) $70 + 1 + \frac{4}{10} + \frac{2}{100} + \frac{8}{1000} + \frac{6}{10000}$

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

(i) $\frac{7}{1000} + \frac{4}{10000}$ (ii) $100 + 30 + 5 + \frac{1}{10} + \frac{3}{100} + \frac{5}{1000} + \frac{1}{10000}$ (iii) $\frac{7}{10000}$ (iv) $\frac{7}{100} + \frac{4}{1000}$

(v) $\frac{7}{10} + \frac{4}{100}$

13. "four ones and one tenths" is how much?

(i) $400 + 10$ (ii) $\frac{4}{10} + \frac{1}{100}$ (iii) $40 + 1$ (iv) $4 + \frac{1}{10}$ (v) $\frac{2}{10} + \frac{4}{100} + \frac{3}{1000} + \frac{9}{10000}$

14. "four ones and nine hundredths" is how much?

(i) $4 + \frac{9}{100}$ (ii) $400 + 9$ (iii) $40 + \frac{9}{10}$ (iv) $\frac{4}{10} + \frac{9}{1000}$ (v) $\frac{2}{10} + \frac{4}{100} + \frac{4}{1000} + \frac{5}{10000}$

15. "three tens and one hundredths and four thousandths" is how much?

(i) $30 + \frac{1}{100} + \frac{4}{1000}$ (ii) $3000 + 1 + \frac{4}{10}$ (iii) $3 + \frac{1}{1000} + \frac{4}{10000}$ (iv) $\frac{3}{100} + \frac{3}{1000} + \frac{3}{10000}$

(v) $300 + \frac{1}{10} + \frac{4}{100}$

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

(i) $60 + 8 + \frac{8}{10} + \frac{7}{10000}$ (ii) $6000 + 800 + 80 + \frac{7}{100} + \frac{2}{1000}$ (iii) $600 + 80 + 8 + \frac{7}{1000} + \frac{2}{10000}$

(iv) $\frac{1}{1000} + \frac{5}{10000}$ (v) $60000 + 8000 + 800 + \frac{7}{10} + \frac{2}{100}$

17. Expand the decimal number 934.7

- (i) $900+30+4+\frac{7}{100}$ (ii) $90+3+\frac{4}{10}+\frac{7}{100}$ (iii) $900+30+4+\frac{7}{1000}$ (iv) $9+\frac{3}{10}+\frac{4}{100}+\frac{7}{1000}$
- (v) $900+30+4+\frac{7}{10}$

18. Expand the decimal number 224.85

- (i) $200+20+4+\frac{8}{1000}+\frac{5}{10000}$ (ii) $20+2+\frac{4}{10}+\frac{8}{100}+\frac{5}{1000}$ (iii) $2+\frac{2}{10}+\frac{4}{100}+\frac{8}{1000}+\frac{5}{10000}$
- (iv) $200+20+4+\frac{8}{100}+\frac{5}{1000}$ (v) $200+20+4+\frac{8}{10}+\frac{5}{100}$

19. Expand the decimal number 98.417

- (i) $\frac{9}{10}+\frac{8}{100}+\frac{4}{1000}+\frac{2}{10000}$ (ii) $90+8+\frac{4}{100}+\frac{1}{1000}+\frac{7}{10000}$ (iii) $90+8+\frac{4}{10}+\frac{1}{100}+\frac{7}{1000}$
- (iv) $9+\frac{8}{10}+\frac{4}{100}+\frac{1}{1000}+\frac{7}{10000}$ (v) $90+8+\frac{4}{1000}+\frac{2}{10000}$

20. Expand the decimal number 49.3798

- (i) $40+9+\frac{3}{10}+\frac{7}{100}+\frac{9}{1000}+\frac{8}{10000}$ (ii) $4+\frac{9}{10}+\frac{3}{100}+\frac{8}{1000}$ (iii) $40+9+\frac{3}{100}+\frac{8}{1000}$
- (iv) $\frac{4}{10}+\frac{9}{100}+\frac{3}{1000}+\frac{8}{10000}$ (v) $40+9+\frac{3}{1000}+\frac{8}{10000}$

Write the decimal number of the expanded form :

21. $7+\frac{5}{10}$

- (i) 0.075 (ii) 7.005 (iii) 7.05 (iv) 0.75 (v) 7.5

Write the decimal number of the expanded form :

22. $9+\frac{8}{10}+\frac{6}{100}$

- (i) 9.086 (ii) 0.0986 (iii) 9.0086 (iv) 0.986 (v) 9.86

Write the decimal number of the expanded form :

23. $6+\frac{5}{10}+\frac{7}{100}+\frac{6}{1000}$

- (i) 0.6576 (ii) 0.06576 (iii) 6.0576 (iv) 6.00576 (v) 6.576

Write the decimal number of the expanded form :

24. $5+\frac{1}{10}+\frac{7}{100}+\frac{8}{10000}$

- (i) 5.01708 (ii) 5.1708 (iii) 5.001708 (iv) 0.051708 (v) 0.51708

25. "eight tenths" is how much?

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

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

(i) $\frac{2}{10} + \frac{8}{100}$ (ii) $3 + \frac{5}{10} + \frac{7}{100} + \frac{1}{1000} + \frac{4}{10000}$ (iii) $\frac{2}{100} + \frac{8}{1000}$ (iv) $2 + \frac{8}{10}$ (v) $20 + 8$

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

(i) $\frac{9}{100} + \frac{4}{1000}$ (ii) $\frac{9}{10} + \frac{4}{100}$ (iii) $10 + \frac{6}{10} + \frac{3}{100} + \frac{8}{1000} + \frac{3}{10000}$ (iv) $9 + \frac{4}{10}$ (v) $\frac{9}{1000} + \frac{4}{10000}$

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

(i) $700 + 10 + 4 + \frac{2}{10} + \frac{8}{100} + \frac{5}{1000} + \frac{7}{10000}$ (ii) $\frac{1}{10} + \frac{4}{100}$ (iii) $\frac{1}{10000}$ (iv) $\frac{1}{1000} + \frac{4}{10000}$

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

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

(i) $300 + 40$ (ii) $\frac{3}{10} + \frac{4}{100}$ (iii) $\frac{2}{10} + \frac{9}{100} + \frac{4}{1000} + \frac{1}{10000}$ (iv) $30 + 4$ (v) $3 + \frac{4}{10}$

30. "two ones and nine tenths and nine hundredths" is how much?

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

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

(i) $\frac{1}{100} + \frac{9}{1000} + \frac{2}{10000}$ (ii) $500 + 20 + \frac{4}{10} + \frac{6}{100}$ (iii) $5000 + 200 + 4 + \frac{6}{10}$ (iv) $5 + \frac{2}{10} + \frac{4}{1000} + \frac{6}{10000}$

(v) $50 + 2 + \frac{4}{100} + \frac{6}{1000}$

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

(i) $6000 + 400 + 60 + \frac{6}{100} + \frac{6}{1000}$ (ii) $60000 + 4000 + 600 + \frac{6}{10} + \frac{6}{100}$ (iii) $\frac{1}{1000} + \frac{5}{10000}$

(iv) $60 + 4 + \frac{6}{10} + \frac{7}{10000}$ (v) $600 + 40 + 6 + \frac{6}{1000} + \frac{6}{10000}$

Assignment Key

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