



1. Expand the decimal number 161.2

(i) $1 + \frac{6}{10} + \frac{1}{100} + \frac{2}{1000}$ (ii) $100 + 60 + 1 + \frac{2}{1000}$ (iii) $100 + 60 + 1 + \frac{2}{100}$ (iv) $100 + 60 + 1 + \frac{2}{10}$
(v) $10 + 6 + \frac{1}{10} + \frac{2}{100}$

2. Expand the decimal number 353.33

(i) $30 + 5 + \frac{3}{10} + \frac{3}{100} + \frac{3}{1000}$ (ii) $300 + 50 + 3 + \frac{3}{10} + \frac{3}{100}$ (iii) $300 + 50 + 3 + \frac{3}{100} + \frac{3}{1000}$
(iv) $300 + 50 + 3 + \frac{3}{1000} + \frac{3}{10000}$ (v) $3 + \frac{5}{10} + \frac{3}{100} + \frac{3}{1000} + \frac{3}{10000}$

3. Expand the decimal number 49.136

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

4. Expand the decimal number 80.6831

(i) $8 + \frac{6}{100} + \frac{8}{1000} + \frac{3}{10000}$ (ii) $\frac{8}{10} + \frac{6}{1000} + \frac{8}{10000}$ (iii) $80 + \frac{6}{100} + \frac{8}{1000} + \frac{3}{10000}$
(iv) $80 + \frac{6}{10} + \frac{8}{100} + \frac{3}{1000} + \frac{1}{10000}$ (v) $80 + \frac{6}{1000} + \frac{8}{10000}$

Write the decimal number of the expanded form :

5. $2 + \frac{3}{10}$

(i) 0.23 (ii) 2.003 (iii) 2.3 (iv) 0.023 (v) 2.03

Write the decimal number of the expanded form :

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

(i) 7.76 (ii) 7.076 (iii) 7.0076 (iv) 0.0776 (v) 0.776

Write the decimal number of the expanded form :

7. $7 + \frac{3}{10} + \frac{8}{100} + \frac{6}{1000}$

(i) 7.0386 (ii) 7.00386 (iii) 0.7386 (iv) 0.07386 (v) 7.386

Write the decimal number of the expanded form :

8. $7 + \frac{2}{10} + \frac{4}{100} + \frac{2}{1000} + \frac{3}{10000}$

- (i) 7.002423 (ii) 7.2423 (iii) 0.72423 (iv) 7.02423 (v) 0.072423

9. Expand the decimal number 510.2

(i) $5 + \frac{1}{10} + \frac{2}{1000}$ (ii) $50 + 1 + \frac{2}{100}$ (iii) $500 + 10 + \frac{2}{1000}$ (iv) $500 + 10 + \frac{2}{100}$ (v) $500 + 10 + \frac{2}{10}$

10. Expand the decimal number 426.46

(i) $40 + 2 + \frac{6}{10} + \frac{4}{100} + \frac{6}{1000}$ (ii) $400 + 20 + 6 + \frac{4}{10} + \frac{6}{100}$ (iii) $400 + 20 + 6 + \frac{4}{1000} + \frac{6}{10000}$

(iv) $4 + \frac{2}{10} + \frac{6}{100} + \frac{4}{1000} + \frac{6}{10000}$ (v) $400 + 20 + 6 + \frac{4}{100} + \frac{6}{1000}$

11. Expand the decimal number 22.197

(i) $20 + 2 + \frac{1}{10} + \frac{9}{100} + \frac{7}{1000}$ (ii) $\frac{2}{10} + \frac{2}{100} + \frac{2}{1000}$ (iii) $2 + \frac{2}{10} + \frac{1}{100} + \frac{9}{1000} + \frac{7}{10000}$

(iv) $20 + 2 + \frac{1}{100} + \frac{9}{1000} + \frac{7}{10000}$ (v) $20 + 2 + \frac{2}{1000}$

12. Expand the decimal number 25.7730

(i) $20 + 5 + \frac{7}{1000} + \frac{7}{10000}$ (ii) $20 + 5 + \frac{7}{10} + \frac{7}{100} + \frac{3}{1000}$ (iii) $20 + 5 + \frac{7}{100} + \frac{7}{1000} + \frac{3}{10000}$

(iv) $\frac{2}{10} + \frac{5}{100} + \frac{7}{1000} + \frac{7}{10000}$ (v) $2 + \frac{5}{10} + \frac{7}{100} + \frac{7}{1000} + \frac{3}{10000}$

Write the decimal number of the expanded form :

13. $6 + \frac{7}{10}$

- (i) 0.67 (ii) 0.067 (iii) 6.007 (iv) 6.07 (v) 6.7

Write the decimal number of the expanded form :

14. $6 + \frac{3}{10} + \frac{1}{100}$

- (i) 6.31 (ii) 6.031 (iii) 6.0031 (iv) 0.631 (v) 0.0631

Write the decimal number of the expanded form :

15. $10 + \frac{9}{10} + \frac{8}{100} + \frac{7}{1000}$

- (i) 10.0987 (ii) 10.987 (iii) 1.0987 (iv) 10.00987 (v) 0.10987

Write the decimal number of the expanded form :

16. $7 + \frac{7}{10} + \frac{2}{100} + \frac{4}{1000} + \frac{7}{10000}$

- (i) 0.77247 (ii) 7.007247 (iii) 7.07247 (iv) 0.077247 (v) 7.7247

Assignment Key

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