



1. Expand the decimal number 550.1

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

2. Expand the decimal number 344.16

(i) $300+40+4+\frac{1}{10}+\frac{6}{100}$ (ii) $300+40+4+\frac{1}{1000}+\frac{6}{10000}$ (iii) $300+40+4+\frac{1}{100}+\frac{6}{1000}$

(iv) $30+4+\frac{4}{10}+\frac{1}{100}+\frac{6}{1000}$ (v) $3+\frac{4}{10}+\frac{4}{100}+\frac{1}{1000}+\frac{6}{10000}$

3. Expand the decimal number 30.569

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

(iv) $30+\frac{5}{10}+\frac{6}{100}+\frac{9}{1000}$ (v) $30+\frac{5}{1000}+\frac{7}{10000}$

4. Expand the decimal number 85.8173

(i) $8+\frac{5}{10}+\frac{8}{100}+\frac{1}{1000}+\frac{7}{10000}$ (ii) $80+5+\frac{8}{10}+\frac{1}{100}+\frac{7}{1000}+\frac{3}{10000}$ (iii) $80+5+\frac{8}{1000}+\frac{2}{10000}$

(iv) $80+5+\frac{8}{100}+\frac{1}{1000}+\frac{7}{10000}$ (v) $\frac{8}{10}+\frac{5}{100}+\frac{8}{1000}+\frac{2}{10000}$

Write the decimal number of the expanded form :

5. $7+\frac{2}{10}$

(i) 7.2 (ii) 7.002 (iii) 7.02 (iv) 0.72 (v) 0.072

Write the decimal number of the expanded form :

6. $2+\frac{5}{10}+\frac{3}{100}$

(i) 0.0253 (ii) 0.253 (iii) 2.53 (iv) 2.053 (v) 2.0053

Write the decimal number of the expanded form :

7. $4+\frac{6}{10}+\frac{3}{100}+\frac{6}{1000}$

(i) 4.0636 (ii) 0.4636 (iii) 4.00636 (iv) 0.04636 (v) 4.636

Write the decimal number of the expanded form :

8. $3+\frac{9}{10}+\frac{3}{100}+\frac{4}{1000}+\frac{5}{10000}$

(i) 0.039345 (ii) 3.9345 (iii) 3.09345 (iv) 0.39345 (v) 3.009345

9. Expand the decimal number 516.6

(i) $50+1+\frac{6}{10}+\frac{6}{100}$ (ii) $500+10+6+\frac{6}{100}$ (iii) $5+\frac{1}{10}+\frac{6}{100}+\frac{6}{1000}$ (iv) $500+10+6+\frac{6}{10}$

(v) $500+10+6+\frac{6}{1000}$

10. Expand the decimal number 196.94

(i) $100+90+6+\frac{9}{100}+\frac{4}{1000}$ (ii) $10+9+\frac{6}{10}+\frac{9}{100}+\frac{4}{1000}$ (iii) $100+90+6+\frac{9}{10}+\frac{4}{100}$

(iv) $1+\frac{9}{10}+\frac{6}{100}+\frac{9}{1000}+\frac{4}{10000}$ (v) $100+90+6+\frac{9}{1000}+\frac{4}{10000}$

11. Expand the decimal number 64.682

(i) $60+4+\frac{6}{1000}+\frac{8}{10000}$ (ii) $60+4+\frac{6}{10}+\frac{8}{100}+\frac{2}{1000}$ (iii) $6+\frac{4}{10}+\frac{6}{100}+\frac{8}{1000}+\frac{2}{10000}$

(iv) $\frac{6}{10}+\frac{4}{100}+\frac{6}{1000}+\frac{8}{10000}$ (v) $60+4+\frac{6}{100}+\frac{8}{1000}+\frac{2}{10000}$

12. Expand the decimal number 26.9750

(i) $20+6+\frac{9}{100}+\frac{7}{1000}+\frac{5}{10000}$ (ii) $2+\frac{6}{10}+\frac{9}{100}+\frac{7}{1000}+\frac{5}{10000}$ (iii) $\frac{2}{10}+\frac{6}{100}+\frac{9}{1000}+\frac{7}{10000}$

(iv) $20+6+\frac{9}{10}+\frac{7}{100}+\frac{5}{1000}$ (v) $20+6+\frac{9}{1000}+\frac{8}{10000}$

Write the decimal number of the expanded form :

13. $10+\frac{1}{10}$

(i) 1.01 (ii) 10.1 (iii) 0.101 (iv) 10.01 (v) 10.001

Write the decimal number of the expanded form :

14. $1+\frac{4}{10}+\frac{7}{100}$

(i) 0.0147 (ii) 1.47 (iii) 0.147 (iv) 1.047 (v) 1.0047

Write the decimal number of the expanded form :

15. $5+\frac{1}{10}+\frac{7}{100}$

(i) 0.517 (ii) 5.017 (iii) 0.0517 (iv) 5.0017 (v) 5.17

Write the decimal number of the expanded form :

16. $1+\frac{8}{10}+\frac{2}{100}+\frac{3}{1000}+\frac{6}{10000}$

(i) 0.018236 (ii) 1.008236 (iii) 1.08236 (iv) 0.18236 (v) 1.8236

Assignment Key

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