EduSahara™ Assignment

Name : Decimal Number Expansion

Chapter : Decimals

Grade : CBSE Grade VI

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1. Expand the decimal number 336.9

(i) $300+30+6+\frac{9}{100}$ (ii) $30+3+\frac{6}{10}+\frac{9}{100}$ (iii) $300+30+6+\frac{9}{10}$ (iv) $3+\frac{3}{10}+\frac{6}{100}+\frac{9}{1000}$

(v) $300+30+6+\frac{9}{1000}$

2. Expand the decimal number 589.44

(i) $500+80+9+\frac{4}{10}+\frac{4}{100}$ (ii) $50+8+\frac{9}{10}+\frac{4}{100}+\frac{4}{1000}$ (iii) $500+80+9+\frac{4}{100}+\frac{4}{1000}$

(iv) $5+\frac{8}{10}+\frac{9}{100}+\frac{4}{1000}+\frac{4}{10000}$ (v) $500+80+9+\frac{4}{1000}+\frac{4}{10000}$

3. Expand the decimal number 55.195

(i) $5+\frac{5}{10}+\frac{1}{100}+\frac{9}{1000}+\frac{5}{10000}$ (ii) $\frac{5}{10}+\frac{5}{100}+\frac{2}{1000}$ (iii) $50+5+\frac{1}{10}+\frac{9}{100}+\frac{5}{1000}$

(iv) $50+5+\frac{1}{100}+\frac{9}{1000}+\frac{5}{10000}$ (v) $50+5+\frac{2}{1000}$

4. Expand the decimal number 69.8990

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

(iv) $60+9+\frac{8}{10}+\frac{9}{100}+\frac{9}{1000}$ (v) $60+9+\frac{9}{1000}$

5. Write the decimal number of the expanded form :

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

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

6. Write the decimal number of the expanded form :

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

(i) 4.017 (ii) 4.17 (iii) 0.417 (iv) 4.0017 (v) 0.0417

7. Write the decimal number of the expanded form :

$10+\frac{1}{10}+\frac{6}{100}$

(i) 10.16 (ii) 0.1016 (iii) 1.016 (iv) 10.0016 (v) 10.016

Write the decimal number of the expanded form :

8. $10+\frac{2}{10}+\frac{7}{100}+\frac{4}{1000}+\frac{6}{10000}$

(i) 1.02746 (ii) 10.2746 (iii) 0.102746 (iv) 10.002746 (v) 10.02746

9. "six tenths" is how much?

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

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

(i) $40+3$ (ii) $4+\frac{3}{10}$ (iii) $\frac{4}{100}+\frac{3}{1000}$ (iv) $\frac{4}{10}+\frac{3}{100}$ (v) $2+\frac{3}{10}+\frac{2}{100}+\frac{5}{1000}+\frac{6}{10000}$

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

(i) $30+4+\frac{4}{10}+\frac{8}{100}+\frac{2}{1000}+\frac{8}{10000}$ (ii) $\frac{2}{10}+\frac{9}{100}$ (iii) $\frac{2}{1000}+\frac{9}{10000}$ (iv) $\frac{2}{100}+\frac{9}{1000}$ (v) $2+\frac{9}{10}$

12. "nine thousandths and six ten thousandths" is how much?

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

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

(i) $\frac{8}{10}+\frac{5}{100}$ (ii) $80+5$ (iii) $8+\frac{5}{10}$ (iv) $800+50$ (v) $\frac{1}{10}+\frac{1}{100}+\frac{7}{1000}+\frac{6}{10000}$

14. "nine ones and eight tenths and seven hundredths" is how much?

(i) $900+80+7$ (ii) $\frac{1}{10}+\frac{1}{1000}+\frac{3}{10000}$ (iii) $\frac{9}{10}+\frac{8}{100}+\frac{7}{1000}$ (iv) $9+\frac{8}{10}+\frac{7}{100}$ (v) $90+8+\frac{7}{10}$

15. "seven tens three ones and two hundredths and eight thousandths" is how much?

(i) $\frac{1}{100}+\frac{3}{1000}+\frac{7}{10000}$ (ii) $700+30+\frac{2}{10}+\frac{8}{100}$ (iii) $70+3+\frac{2}{100}+\frac{8}{1000}$ (iv) $7000+300+2+\frac{8}{10}$

(v) $7+\frac{3}{10}+\frac{2}{1000}+\frac{8}{10000}$

16. "nine hundreds four tens four ones and four thousandths" is how much?

(i) $90000+4000+400+\frac{4}{10}$ (ii) $9000+400+40+\frac{4}{100}$ (iii) $900+40+4+\frac{4}{1000}$ (iv) $\frac{1}{1000}+\frac{1}{10000}$

(v) $90+4+\frac{4}{10}+\frac{4}{10000}$

Assignment Key

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

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