EduSahara™ Assignment

Name : Decimal Number Expansion

Chapter : Decimals

Grade : CBSE Grade VI

1. Expand the decimal number 938.1

(i) $90+3+\frac{8}{10}+\frac{1}{100}$ (ii) $9+\frac{3}{10}+\frac{8}{100}+\frac{1}{1000}$ (iii) $900+30+8+\frac{1}{10}$ (iv) $900+30+8+\frac{1}{100}$

(v) $900+30+8+\frac{1}{1000}$

2. Expand the decimal number 271.60

(i) $2+\frac{7}{10}+\frac{1}{100}+\frac{6}{1000}$ (ii) $200+70+1+\frac{6}{100}$ (iii) $200+70+1+\frac{6}{1000}$ (iv) $20+7+\frac{1}{10}+\frac{6}{100}$

(v) $200+70+1+\frac{6}{10}$

3. Expand the decimal number 58.791

(i) $50+8+\frac{7}{100}+\frac{9}{1000}+\frac{1}{10000}$ (ii) $50+8+\frac{7}{10}+\frac{9}{100}+\frac{1}{1000}$ (iii) $50+8+\frac{7}{1000}+\frac{9}{10000}$

(iv) $\frac{5}{10}+\frac{8}{100}+\frac{7}{1000}+\frac{9}{10000}$ (v) $5+\frac{8}{10}+\frac{7}{100}+\frac{9}{1000}+\frac{1}{10000}$

4. Expand the decimal number 100.5601

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

(v) $100+\frac{5}{1000}+\frac{6}{10000}$

5. Write the decimal number of the expanded form :

$8+\frac{1}{10}$

(i) 8.001 (ii) 8.01 (iii) 0.081 (iv) 0.81 (v) 8.1

6. Write the decimal number of the expanded form :

$7+\frac{2}{10}+\frac{9}{100}$

(i) 7.0029 (ii) 7.29 (iii) 0.729 (iv) 0.0729 (v) 7.029

7. Write the decimal number of the expanded form :

$5+\frac{2}{10}+\frac{6}{100}+\frac{9}{1000}$

(i) 0.5269 (ii) 5.00269 (iii) 0.05269 (iv) 5.0269 (v) 5.269

Write the decimal number of the expanded form :

8. $5+\frac{7}{10}+\frac{9}{100}+\frac{5}{1000}+\frac{1}{10000}$

(i) 5.007951 (ii) 5.7951 (iii) 5.07951 (iv) 0.057951 (v) 0.57951

9. "three tenths" is how much?

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

10. "six tenths and five hundredths" is how much?

(i) $6+\frac{5}{10}$ (ii) $60+5$ (iii) $\frac{6}{100}+\frac{5}{1000}$ (iv) $1+\frac{5}{10}+\frac{3}{100}+\frac{8}{1000}+\frac{5}{10000}$ (v) $\frac{6}{10}+\frac{5}{100}$

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

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

12. "one thousandths and eight ten thousandths" is how much?

(i) $\frac{1}{100}+\frac{8}{1000}$ (ii) $\frac{2}{10000}$ (iii) $\frac{1}{10}+\frac{8}{100}$ (iv) $500+50+5+\frac{5}{10}+\frac{5}{100}+\frac{5}{1000}+\frac{6}{10000}$

(v) $\frac{1}{1000}+\frac{8}{10000}$

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

(i) $\frac{9}{10}+\frac{3}{100}$ (ii) $\frac{1}{10}+\frac{7}{1000}+\frac{5}{10000}$ (iii) $90+3$ (iv) $900+30$ (v) $9+\frac{3}{10}$

14. "three ones and three tenths and six hundredths" is how much?

(i) $3+\frac{3}{10}+\frac{6}{100}$ (ii) $30+3+\frac{6}{10}$ (iii) $\frac{2}{10}+\frac{9}{100}+\frac{7}{1000}+\frac{6}{10000}$ (iv) $300+30+6$ (v) $\frac{3}{10}+\frac{3}{100}+\frac{6}{1000}$

15. "one tens eight ones and four hundredths and five thousandths" is how much?

(i) $1+\frac{8}{10}+\frac{4}{1000}+\frac{5}{10000}$ (ii) $1000+800+4+\frac{5}{10}$ (iii) $\frac{5}{100}+\frac{5}{1000}+\frac{4}{10000}$ (iv) $10+8+\frac{4}{100}+\frac{5}{1000}$

(v) $100+80+\frac{4}{10}+\frac{5}{100}$

16. "two hundreds and four thousandths and seven ten thousandths" is how much?

(i) $2000+\frac{4}{100}+\frac{7}{1000}$ (ii) $20000+\frac{4}{10}+\frac{7}{100}$ (iii) $\frac{5}{1000}$ (iv) $20+\frac{5}{10000}$ (v) $200+\frac{4}{1000}+\frac{7}{10000}$

Assignment Key

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