EduSahara™ Assignment

Name : Decimal Number Expansion

Chapter : Decimals

Grade : CBSE Grade VI

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1. Expand the decimal number 642.6

(i) $60+4+\frac{2}{10}+\frac{6}{100}$ (ii) $600+40+2+\frac{6}{1000}$ (iii) $600+40+2+\frac{6}{100}$ (iv) $6+\frac{4}{10}+\frac{2}{100}+\frac{6}{1000}$

(v) $600+40+2+\frac{6}{10}$

2. Expand the decimal number 489.65

(i) $40+8+\frac{9}{10}+\frac{6}{100}+\frac{5}{1000}$ (ii) $400+80+9+\frac{6}{10}+\frac{5}{100}$ (iii) $4+\frac{8}{10}+\frac{9}{100}+\frac{6}{1000}+\frac{5}{10000}$

(iv) $400+80+9+\frac{6}{1000}+\frac{5}{10000}$ (v) $400+80+9+\frac{6}{100}+\frac{5}{1000}$

3. Expand the decimal number 11.863

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

(iv) $10+1+\frac{8}{1000}+\frac{6}{10000}$ (v) $\frac{1}{10}+\frac{1}{100}+\frac{8}{1000}+\frac{6}{10000}$

4. Expand the decimal number 64.8436

(i) $60+4+\frac{8}{1000}+\frac{4}{10000}$ (ii) $60+4+\frac{8}{10}+\frac{4}{100}+\frac{3}{1000}+\frac{6}{10000}$ (iii) $6+\frac{4}{10}+\frac{8}{100}+\frac{4}{1000}+\frac{4}{10000}$

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

5. Write the decimal number of the expanded form :

$4+\frac{4}{10}$

(i) 4.004 (ii) 0.044 (iii) 4.04 (iv) 4.4 (v) 0.44

6. Write the decimal number of the expanded form :

$7+\frac{3}{10}+\frac{9}{100}$

(i) 0.739 (ii) 7.0039 (iii) 0.0739 (iv) 7.039 (v) 7.39

7. Write the decimal number of the expanded form :

$7+\frac{6}{10}+\frac{1}{100}+\frac{1}{1000}$

(i) 7.0611 (ii) 7.611 (iii) 7.00611 (iv) 0.07611 (v) 0.7611

Write the decimal number of the expanded form :

8. $2+\frac{1}{10}+\frac{8}{1000}+\frac{9}{10000}$

(i) 0.21089 (ii) 0.021089 (iii) 2.001089 (iv) 2.01089 (v) 2.1089

9. "two tenths" is how much?

(i) 5 (ii) $\frac{2}{10}$ (iii) 2 (iv) 20 (v) $\frac{2}{100}$

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

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

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

(i) $\frac{4}{100}+\frac{2}{1000}$ (ii) $\frac{4}{10}+\frac{2}{100}$ (iii) $\frac{4}{1000}+\frac{2}{10000}$ (iv) $20+3+\frac{8}{10}+\frac{9}{1000}+\frac{5}{10000}$ (v) $4+\frac{2}{10}$

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

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

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

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

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

(i) $\frac{1}{10}+\frac{8}{1000}+\frac{6}{10000}$ (ii) $90+2+\frac{1}{10}$ (iii) $9+\frac{2}{10}+\frac{1}{100}$ (iv) $900+20+1$ (v) $\frac{9}{10}+\frac{2}{100}+\frac{1}{1000}$

15. "five tens and nine hundredths and seven thousandths" is how much?

(i) $50+\frac{9}{100}+\frac{7}{1000}$ (ii) $5+\frac{9}{1000}+\frac{7}{10000}$ (iii) $5000+9+\frac{7}{10}$ (iv) $\frac{2}{100}$ (v) $500+\frac{9}{10}+\frac{7}{100}$

16. "six hundreds five tens six ones and one thousandths and one ten thousandths" is how much?

(i) $\frac{1}{1000}+\frac{5}{10000}$ (ii) $6000+500+60+\frac{1}{100}+\frac{1}{1000}$ (iii) $60000+5000+600+\frac{1}{10}+\frac{1}{100}$

(iv) $600+50+6+\frac{1}{1000}+\frac{1}{10000}$ (v) $60+5+\frac{6}{10}+\frac{1}{10000}$

Assignment Key

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