EduSahara™ Assignment

Name : Decimal Number Expansion

Chapter : Fractions and Decimals

Grade : SSC Grade VI

1. Expand the decimal number 685.1

(i) $60+8+\frac{5}{10}+\frac{1}{100}$ (ii) $6+\frac{8}{10}+\frac{5}{100}+\frac{1}{1000}$ (iii) $600+80+5+\frac{1}{10}$ (iv) $600+80+5+\frac{1}{1000}$

(v) $600+80+5+\frac{1}{100}$

2. Expand the decimal number 467.86

(i) $400+60+7+\frac{8}{10}+\frac{6}{100}$ (ii) $400+60+7+\frac{8}{100}+\frac{6}{1000}$ (iii) $4+\frac{6}{10}+\frac{7}{100}+\frac{8}{1000}+\frac{6}{10000}$

(iv) $40+6+\frac{7}{10}+\frac{8}{100}+\frac{6}{1000}$ (v) $400+60+7+\frac{8}{1000}+\frac{6}{10000}$

3. Expand the decimal number 57.955

(i) $50+7+\frac{9}{10}+\frac{5}{100}+\frac{5}{1000}$ (ii) $5+\frac{7}{10}+\frac{9}{100}+\frac{5}{1000}+\frac{5}{10000}$ (iii) $50+7+\frac{9}{1000}+\frac{5}{10000}$

(iv) $50+7+\frac{9}{100}+\frac{5}{1000}+\frac{5}{10000}$ (v) $\frac{5}{10}+\frac{7}{100}+\frac{9}{1000}+\frac{6}{10000}$

4. Expand the decimal number 87.1081

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

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

5. Write the decimal number of the expanded form :

$3+\frac{4}{10}$

(i) 0.34 (ii) 0.034 (iii) 3.4 (iv) 3.04 (v) 3.004

6. Write the decimal number of the expanded form :

$6+\frac{4}{10}+\frac{8}{100}$

(i) 0.0648 (ii) 0.648 (iii) 6.48 (iv) 6.0048 (v) 6.048

7. Write the decimal number of the expanded form :

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

(i) 7.476 (ii) 7.0476 (iii) 0.07476 (iv) 0.7476 (v) 7.00476

Write the decimal number of the expanded form :

8. $2+\frac{9}{10}+\frac{3}{100}+\frac{9}{1000}+\frac{5}{10000}$

(i) 2.09395 (ii) 2.009395 (iii) 0.029395 (iv) 2.9395 (v) 0.29395

9. "one tenths" is how much?

(i) 10 (ii) $\frac{1}{10}$ (iii) 1 (iv) $\frac{1}{100}$

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

(i) $60+3$ (ii) $\frac{6}{100}+\frac{3}{1000}$ (iii) $1+\frac{5}{10}+\frac{8}{100}+\frac{7}{1000}+\frac{3}{10000}$ (iv) $6+\frac{3}{10}$ (v) $\frac{6}{10}+\frac{3}{100}$

11. "four hundredths" is how much?

(i) $20+5$ (ii) $\frac{4}{1000}$ (iii) 4 (iv) $\frac{4}{10}$ (v) $\frac{4}{100}$

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

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

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

(i) $\frac{1}{10}+\frac{2}{100}+\frac{9}{1000}+\frac{9}{10000}$ (ii) $700+70$ (iii) $7+\frac{7}{10}$ (iv) $\frac{7}{10}+\frac{7}{100}$ (v) $70+7$

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

(i) $\frac{6}{10}+\frac{7}{100}+\frac{6}{1000}$ (ii) $\frac{1}{10}+\frac{4}{100}+\frac{7}{1000}+\frac{9}{10000}$ (iii) $60+7+\frac{6}{10}$ (iv) $6+\frac{7}{10}+\frac{6}{100}$ (v) $600+70+6$

15. "three tens nine ones and six hundredths" is how much?

(i) $\frac{2}{100}+\frac{5}{1000}+\frac{6}{10000}$ (ii) $30+9+\frac{6}{100}$ (iii) $300+90+\frac{6}{10}$ (iv) $3+\frac{9}{10}+\frac{6}{1000}$ (v) $3000+900+6$

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

(i) $100+60+4+\frac{5}{1000}+\frac{1}{10000}$ (ii) $\frac{6}{1000}+\frac{1}{10000}$ (iii) $10000+6000+400+\frac{5}{10}+\frac{1}{100}$

(iv) $1000+600+40+\frac{5}{100}+\frac{1}{1000}$ (v) $10+6+\frac{4}{10}+\frac{5}{10000}$

Assignment Key

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