EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Fractions and Decimals

Grade : SSC Grade VI

1. Which of the following pairs are like fractions?

   (i) $\frac{13}{16}, \frac{4}{5}$ (ii) $\frac{1}{2}, \frac{2}{5}$ (iii) $\frac{2}{14}, \frac{13}{14}$ (iv) $\frac{1}{11}, \frac{11}{18}$ (v) $\frac{7}{14}, \frac{14}{17}$

2. The value of $8.2 - 3.9$ is

   (i) 4.20 (ii) 4.40 (iii) 4.50 (iv) 4.10 (v) 4.30

3. Find the missing value in $16\frac{3}{10} - \_\_\_\_\_ = 11\frac{31}{70}$

   (i) $5\frac{1}{7}$ (ii) $4\frac{6}{7}$ (iii) $4\frac{4}{7}$ (iv) $4\frac{2}{3}$ (v) $5\frac{1}{5}$

4. The whole number part of the decimal number 1814.70 is

   (i) 181 (ii) 18147 (iii) 1824 (iv) 70 (v) 1814

5. Write the decimal number 920.866 in words

   (i) nine hundreds two tens one ones and eight tenths and six hundredths and six thousandths

   (ii) nine hundreds three tens and eight tenths and six hundredths and six thousandths

   (iii) nine hundreds two tens and eight thousandths and seven ten thousandths

   (iv) nine hundreds two tens and eight tenths and six hundredths and six thousandths

   (v) nine hundreds two tens and eight hundredths and six thousandths and six ten thousandths

6. The simplest form of the fraction $\frac{69}{92}$ is

   (i) $\frac{5}{4}$ (ii) $\frac{1}{2}$ (iii) $\frac{3}{4}$ (iv) $\frac{3}{2}$ (v) $\frac{1}{4}$

7. The decimal number 2.022 lies between

   (i) {2.032,2.042} (ii) {2.020,2.021} (iii) {2.012,2.032} (iv) {2.023,2.024} (v) {2.002,2.012}

8. Write the decimal number of the expanded form :

   $9 + \frac{8}{10} + \frac{7}{100}$

   (i) 9.87 (ii) 9.0087 (iii) 0.0987 (iv) 0.987 (v) 9.087

9. Write the decimal number of the expanded form :

   $9 + \frac{7}{10} + \frac{6}{100} + \frac{2}{1000} + \frac{2}{10000}$

   (i) 0.97622 (ii) 9.007622 (iii) 9.07622 (iv) 9.7622 (v) 0.097622

10. Convert $\frac{14}{11}$ to mixed fraction

(i) $1\frac{3}{11}$ (ii) $1\frac{1}{13}$ (iii) $1\frac{5}{9}$ (iv) $1\frac{1}{11}$ (v) $1\frac{5}{11}$

11. Which of the following is true?

(i) $39\frac{28}{37} > 40\frac{19}{27}$ (ii) $26\frac{2}{7} < 26\frac{1}{8}$ (iii) $34\frac{22}{31} < 26\frac{3}{8}$ (iv) $12\frac{7}{31} < 27\frac{4}{7}$ (v) $14\frac{37}{39} > 18\frac{2}{3}$

12. 9.3 =

(i) 930 (ii) $\frac{93}{1000}$ (iii) 93 (iv) $\frac{93}{10}$ (v) $\frac{93}{100}$

13. 38.84 + _____ = 99.99

(i) 62.15 (ii) 60.15 (iii) 61.15 (iv) 59.15 (v) 63.15

14. Find the number of decimal places in the decimal number 3.07 is

(i) 0 (ii) 1 (iii) 3 (iv) 2 (v) 4

15. The decimal part of the decimal number 53.76 is

(i) 63 (ii) 5 (iii) 53 (iv) 76 (v) 537

16. "two tenths and five hundredths" is how much?

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

17. Write the decimal number 242.74 in words

(i) two hundreds four tens two ones and seven hundredths and four thousandths

(ii) two hundreds four tens three ones and seven tenths and four hundredths

(iii) two hundreds four tens two ones and seven thousandths

(iv) two hundreds five tens two ones and seven tenths and four hundredths

(v) two hundreds four tens two ones and seven tenths and four hundredths

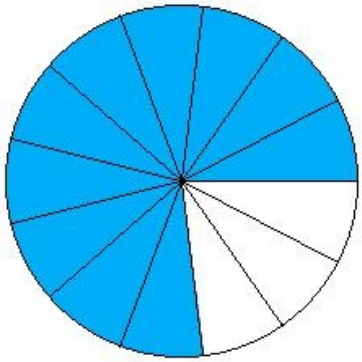
18. Identify the mixed fraction

(i) $\frac{9}{8}$ (ii) $\frac{8}{9}$ (iii) $\frac{10}{9}$ (iv) $\frac{1}{20}$ (v) $4\frac{2}{19}$

19. Expand the decimal number 290.9

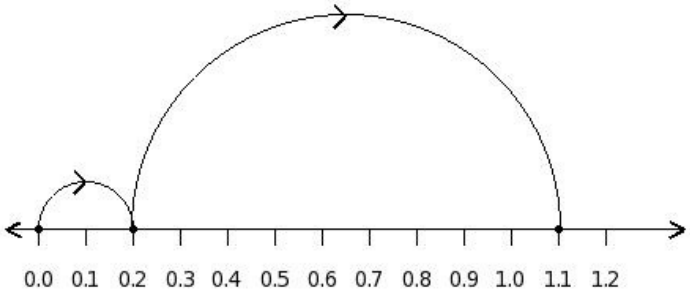
(i) $200+90+\frac{9}{100}$ (ii) $200+90+\frac{9}{10}$ (iii) $20+9+\frac{9}{100}$ (iv) $2+\frac{9}{10}+\frac{9}{1000}$ (v) $200+90+\frac{9}{1000}$

20. What fraction of the figure is shaded?



(i) $\frac{12}{13}$ (ii) $\frac{2}{3}$ (iii) $\frac{8}{13}$ (iv) $\frac{10}{11}$ (v) $\frac{10}{13}$

21. Find the equation representing the following decimal number line diagram



(i) $0.3+1.1=1.4$ (ii) $0.1+0.9=1.0$ (iii) $0.2-1.2=-1.0$ (iv) $0.4-0.9=-0.5$ (v) $0.2+0.9=1.1$

22. $91.6 - \_\_\_\_\_ = 86.3$

(i) 6.3 (ii) 5.3 (iii) 4.3 (iv) 3.3 (v) 7.3

23. Expand the decimal number 47.4050

(i) $40+7+\frac{4}{10}+\frac{5}{1000}$ (ii) $40+7+\frac{4}{100}+\frac{5}{10000}$ (iii) $40+7+\frac{4}{1000}$ (iv) $\frac{4}{10}+\frac{7}{100}+\frac{4}{1000}+\frac{1}{10000}$

(v) $4+\frac{7}{10}+\frac{4}{100}+\frac{5}{10000}$

24. Find the number of decimal places in the decimal number 1.0006 is

(i) 5 (ii) 2 (iii) 3 (iv) 6 (v) 4

25. $31.437 + \_\_\_\_\_ = 54.331$

(i) 23.894 (ii) 24.894 (iii) 22.894 (iv) 21.894 (v) 20.894

Assignment Key

1) (iii)	2) (v)	3) (ii)	4) (v)	5) (iv)	6) (iii)
7) (iii)	8) (i)	9) (iv)	10) (i)	11) (iv)	12) (iv)
13) (iii)	14) (iv)	15) (iv)	16) (v)	17) (v)	18) (v)
19) (ii)	20) (v)	21) (v)	22) (ii)	23) (i)	24) (v)
25) (iii)					