EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Fractions and Decimals

Grade : CBSE Grade VII



1. "one tenths and one hundredths" is how much?

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

2. 6 + 5.06 = _____

   (i) 9.06 (ii) 10.06 (iii) 12.06 (iv) 13.06 (v) 11.06

3. 18.63 =

   (i) $\frac{1863}{10000}$ (ii) $\frac{1863}{100}$ (iii) $\frac{1863}{10}$ (iv) $\frac{1863}{1000}$ (v) 1863

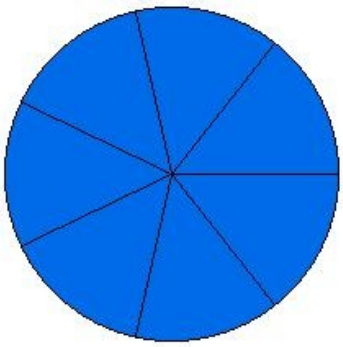
4. Find the equivalent fraction of $\frac{5}{17}$ with numerator 30

   (i) $\frac{30}{68}$ (ii) $\frac{30}{119}$ (iii) $\frac{30}{51}$ (iv) $\frac{30}{102}$ (v) $\frac{30}{85}$

5. Divide 33.83 with 1000

   (i) 3.383 (ii) 0.003383 (iii) 0.3383 (iv) 0.03383 (v) 0.0003383

6. What fraction of the figure is shaded?



   (i) $\frac{7}{5}$ (ii) 1 (iii) $\frac{5}{7}$ (iv) $\frac{9}{7}$ (v) $\frac{7}{9}$

7. Which of the following is true?

   (i) $\frac{35}{11}>\frac{14}{9}$ (ii) $\frac{33}{5}<\frac{40}{9}$ (iii) $\frac{19}{15}>\frac{20}{9}$ (iv) $\frac{11}{6}>\frac{20}{3}$ (v) $\frac{26}{3}<\frac{13}{10}$

8. Express $\frac{83}{32}$ as a decimal correct to 2 decimal places

   (i) 25.94 (ii) 2.39 (iii) 2.69 (iv) 2.59 (v) 0.26

9. "eight hundreds four tens two ones and eight thousandths and seven ten thousandths" is how much?

(i) $80+4+\frac{2}{10}+\frac{9}{10000}$ (ii) $80000+4000+200+\frac{8}{10}+\frac{7}{100}$ (iii) $800+40+2+\frac{8}{1000}+\frac{7}{10000}$

(iv) $\frac{1}{1000}+\frac{2}{10000}$ (v) $8000+400+20+\frac{8}{100}+\frac{7}{1000}$

10. The decimal number 0.425 lies between

(i) {2,3} (ii) {1,2} (iii) {-1,0} (iv) {-2,-1} (v) {0,1}

11. 1014.3 ÷ _____ = 13.8

(i) 71.5 (ii) 74.5 (iii) 72.5 (iv) 73.5 (v) 75.5

12. 20.023 − _____ = -6.606

(i) 25.629 (ii) 24.629 (iii) 27.629 (iv) 28.629 (v) 26.629

13. Which of the following pairs are unlike fractions?

(i) $\frac{6}{7},\frac{2}{7}$ (ii) $\frac{1}{4},\frac{2}{4}$ (iii) $\frac{2}{3},\frac{3}{11}$ (iv) $\frac{3}{6},\frac{2}{6}$ (v) $\frac{1}{2},\frac{1}{2}$

14. 3.8 =

(i) 38 (ii) $\frac{19}{50}$ (iii) $\frac{19}{500}$ (iv) 380 (v) $\frac{19}{5}$

15. Find the equivalent fraction of $\frac{4}{9}$ with numerator 24

(i) $\frac{24}{63}$ (ii) $\frac{24}{54}$ (iii) $\frac{24}{36}$ (iv) $\frac{24}{27}$ (v) $\frac{24}{45}$

16. Sort the following decimals in ascending order
1.0899 , 1.0483 , 1.0476 , 1.0475 , 1.0069 , 1.0974

(i) 1.0483,1.0475,1.0069,1.0899,1.0476,1.0974 (ii) 1.0483,1.0069,1.0475,1.0476,1.0974,1.0899

(iii) 1.0069,1.0899,1.0475,1.0483,1.0476,1.0974 (iv) 1.0069,1.0476,1.0483,1.0475,1.0974,1.0899

(v) 1.0069,1.0475,1.0476,1.0483,1.0899,1.0974

17. Find the missing value in $\frac{13}{6}\div$ _____ $=\frac{5}{3}$

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

18. Write "eight hundred and sixty one point eight" as decimal number

(i) 861.8 (ii) 861.08 (iii) 861.01 (iv) 862.8 (v) 871.8

19. Find the missing value in $\frac{12}{16}-$ _____ $=\frac{1}{2}$

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

20. $15 \div \frac{11}{16} =$ _____

(i) $\frac{238}{11}$ (ii) $\frac{80}{3}$ (iii) $\frac{240}{13}$ (iv) 22 (v) $\frac{240}{11}$

21. The value of 54.29 ÷ 83.13 is

(i) 0.75 (ii) 0.45 (iii) 0.85 (iv) 0.55 (v) 0.65

22. Which of the following is true?

(i) $24\frac{4}{9} \div 15\frac{18}{19} = 389\frac{47}{57}$ (ii) $14\frac{2}{3} - 13\frac{5}{13} = 28\frac{2}{39}$ (iii) $30\frac{9}{14} \div 20\frac{1}{5} = 1\frac{731}{1414}$ (iv) $22\frac{4}{17} \div 20\frac{1}{2} = 455\frac{14}{17}$

(v) $30\frac{13}{16} - 4\frac{5}{6} = 35\frac{31}{48}$

23. The integer part of the decimal number 3725.4816 is

(i) 3725 (ii) 37254 (iii) 4816 (iv) 3735 (v) 372

24. 6 × 7.03 = _____

(i) 42.18 (ii) 41.18 (iii) 40.18 (iv) 44.18 (v) 43.18

25. Express $\frac{533}{1000}$ as a decimal correct to 3 decimal places

(i) 0.333 (ii) 5.33 (iii) 0.053 (iv) 0.533 (v) 0.633

## Assignment Key

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