EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Decimals

Grade : ICSE Grade VII



1. -4.5 + _____ = 75.3

   (i) 79.8 (ii) 78.8 (iii) 80.8 (iv) 81.8 (v) 77.8

2. The value of 5.10 ÷ 7.04 is

   (i) 0.92 (ii) 0.72 (iii) 0.52 (iv) 0.62 (v) 0.82

3. Write the decimal number of the expanded form :

   $6+\frac{9}{10}+\frac{7}{100}$

   (i) 6.97 (ii) 6.0097 (iii) 0.0697 (iv) 0.697 (v) 6.097

4. The decimal part of the decimal number 55.45 is

   (i) 55 (ii) 5 (iii) 65 (iv) 554 (v) 45

5. 2.02 × 9 = _____

   (i) 19.18 (ii) 17.18 (iii) 16.18 (iv) 18.18 (v) 20.18

6. Round off the decimal 2154.16451 correct to three decimal places

   (i) 215.4165 (ii) 2154.164 (iii) 2154.165 (iv) 21541.645 (v) 2154.166

7. Round off the decimal 941.40120 to the nearest tenths

   (i) 941.3 (ii) 941.6 (iii) 941.2 (iv) 941.4 (v) 941.5

8. Multiply 10.09 with 10

   (i) 10.09 (ii) 100.9 (iii) 10090 (iv) 1.009 (v) 1009

9. Convert the fraction $\frac{218}{21}$ to non-terminating recurring decimal

   (i) $1038.\overline{095238}$ (ii) $1.0\overline{380952}$ (iii) $103.\overline{809523}$ (iv) $10.\overline{380952}$ (v) $0.10\overline{380952}$

10. Which of the following is true?

    (i) $89.018+8.487=80.531$ (ii) $47.034\times34.704=1632.267936$ (iii) $89.519+37.331=52.188$

    (iv) $85.339+33.737=51.602$ (v) $83.839-68.718=152.557$

11. The value of 884.72 + 405.0267 is

    (i) 1289.8467 (ii) 1289.6467 (iii) 1289.7467 (iv) 1289.5467 (v) 1289.9467

12. Convert the non-terminating recurring decimal $29.\overline{7}$ to rational number

    (i) 30 (ii) $\frac{268}{11}$ (iii) $\frac{266}{9}$ (iv) $\frac{268}{7}$ (v) $\frac{268}{9}$

13. Which of the following is true?

(i) $67.3 \div 44.9 = 3021.77$ (ii) $82.7 + 78.9 = 3.8$ (iii) $43.1 \times 6.0 = 258.60$ (iv) $82.0 + 70.8 = 11.2$

(v) $83.6 \times 8.3 = 10.1$

14. The value of $438.3 - 42.27$ is

(i) 395.830 (ii) 396.030 (iii) 395.930 (iv) 396.230 (v) 396.130

15. Convert the non-terminating recurring decimal $4.44444444444444...$ to rational number

(i) $\frac{14}{3}$ (ii) $\frac{40}{7}$ (iii) $\frac{40}{11}$ (iv) $\frac{40}{9}$ (v) $\frac{38}{9}$

16. Express $\frac{9}{8}$ as a decimal correct to 4 decimal places

(i) 1.125 (ii) 1.325 (iii) 1.025 (iv) 0.925 (v) 1.225

17. The value of $10.16 \times 1.4$ is

(i) 14.3240 (ii) 14.2240 (iii) 14.1240 (iv) 14.0240 (v) 14.4240

18. Write the decimal number of the expanded form : $7 + \frac{7}{10}$

(i) 0.77 (ii) 0.077 (iii) 7.007 (iv) 7.07 (v) 7.7

19. Which of the following is true?

(i) $67.19 \div 55.87 = 1.20$ (ii) $63.75 + 44.22 = 19.53$ (iii) $18.41 + 6.40 = 12.01$ (iv) $53.83 - 32.73 = 86.56$

(v) $39.25 + 31.81 = 7.44$

20. The recurring part of the decimal $0.33333333333333...$ is

(i) 330 (ii) 33 (iii) 3 (iv) 0.3 (v) 333

21. The value of $6.099 \times 6.045$ is

(i) 37.068455 (ii) 36.868455 (iii) 36.668455 (iv) 36.968455 (v) 36.768455

22. The integer part of the decimal number 4503.4201 is

(i) 450 (ii) 4503 (iii) 45034 (iv) 4201 (v) 4513

23. Express $\frac{19}{100}$ as a decimal correct to 2 decimal places

(i) 0.19 (ii) 1.9 (iii) 0.02 (iv) 0.29 (v) -0.01

24. Find the value of

$21.16 \div 10.58 + 5.68 + 3.39 + 6.09 \times 8.78 - 3.19 + 9.87 \div 3.29 \times 4.88$

(i) 74.9902 (ii) 73.9902 (iii) 76.9902 (iv) 75.9902 (v) 77.9902

25. The whole number part of the decimal number 1108.4455 is

(i) 4455 (ii) 110 (iii) 1108 (iv) 1118 (v) 11084

## Assignment Key

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