CLASS VI – MATHEMATICS – CHAPTER 08
DECIMALS

Name: _____   Date: _____

01. Write as decimal 'Two ones and five-tenths'.

    (a). 2.5   (b). 2.6   (c). 2.4   (d). 2.3

02. Decimal form of 'seven-tenths' is _____.

    (a). 0.6   (b). 0.7   (c). 0.8   (d). none of these

03. Decimal notation of 3/5 is _____.

    (a). 0.2   (b). 0.3   (c). 0.6   (d). 0.5

04. 0.1 _____ 0.03

    (a). =   (b). <   (c). ≥   (d). >

05. Write 2 rupees and 5 paise as decimal.

    (a). Rs 2.05   (b). Rs 2.5   (c). Rs 2.005   (d). Rs 2

06. Write as decimal 'Thirty and one-tenth'.

    (a). 30.1   (b). 3.1   (c). 32.1   (d). 30.2

07. Decimal form of 'six-tenths' is _____.

    (a). 0.5   (b). 0.6   (c). 0.7   (d). none of these

08. Decimal notation of ¼ is _____.

    (a). 0.01   (b). 0.04   (c). 0.25   (d). 0.02

09. 0.01 _____ 0.3

    (a). =   (b). >   (c). ≥   (d). <

10. Write 2 rupees and 50 paise as decimal.

    (a). Rs 2.50   (b). Rs 2.05   (c). Rs 2.005   (d). Rs 2

11. 1 mm = _____ cm

    (a). 0.1   (b). 0.01   (c). 0.001   (d). 1.1

12. _____ is read as 'twenty-three point five'.

    (a). 2.35   (b). 23.5   (c). 0.235   (d). 22.35

13. Decimal notation of 11/5 is _____.

    (a). 0.22   (b). 2.02   (c). 2.2   (d). 2.22

14. Fraction form of 1.2 is _____.

    (a). 2/5   (b). 3/5   (c). 4/5   (d). 6/5

15. 3.02 _____ 3.13

(a). <   (b). >   (c). =   (d). none of these

16. 8 cm 3 mm = _____ cm

(a). 8.3   (b). 8.03   (c). 8.003   (d). 83.3

17. _____ is read as 'thirty-two point three'.

(a). 3.23   (b). 32.3   (c). 0.323   (d). 33.3

18. Decimal notation of 15/4 is _____.

(a). 37.5   (b). 0.375   (c). 3.75   (d). 3.075

19. Fraction form of 1.5 is _____.

(a). ½   (b). 7/2   (c). 5/2   (d). 3/2

20. 4.15 _____ 4.05

(a). >   (b). <   (c). =   (d). none of these

21. 7 cm 5 mm = _____ cm

(a). 7.5   (b). 7.05   (c). 7.005   (d). 75.5

22. _____ is read as 'forty-five point six'.

(a). 4.56   (b). 45.6   (c). 0.456   (d). 44.6

23. Decimal notation of 3/8 is _____.

(a). 37.5   (b). 3.75   (c). 0.375   (d). 37.05

24. Fraction form of 2.5 is _____.

(a). ½   (b). 3/2   (c). 7/2   (d). 5/2

25. 5.05 _____ 5.5

(a). <   (b). >   (c). =   (d). none of these

Q01. Solve

(a). 2 g = ___ kg   (b). 5 m = ___ km   (c). 1.24 + 7.23 = ___

(d). 8.25 – 3.46 = ___   (e). 3 g = ___ kg   (f). 78 m = ___ km

(g). 12.34 + 17.83 =___   (h). 28.25 – 13.46 = __   (i). 32 g= ___ kg

(j). 7 m = ___ km   (k). 31.24 + 7.03 = ___   (l). 83.25 – 73.46 = ___

Q02. Write each of the following as decimals:

(a). $30 + 6 + \frac{2}{10}$

(b). $600 + 2 + \frac{8}{10}$

(c). $60 + \frac{1}{10} + \frac{3}{100}$

(d). $200 + 30 + 5 + \frac{2}{10} + \frac{9}{100}$

(e). $300 + 20 + 3 + \frac{4}{10} + \frac{5}{100}$

(f). $40 + 2 + \frac{3}{10}$

(g). $300 + 5 + \frac{7}{10}$

(h). $70 + \frac{2}{10} + \frac{6}{100}$

Q03. Solve:

(a). 1.54 + 1.80   (b). 2.66 + 1.85   (c). 0.29 + 0.36   (d). 0.7 + 0.08

Q04. The length of Ramesh's notebook is 9 cm 5 mm. What will be its length in cm?

Q05. Write as fractions in lowest terms.

(a). 0.60   (b). 0.05   (c). 0.18   (d). 0.25   (e). 0.125

Q06. Lata spent Rs 9.50 for buying a pen and Rs 2.50 for one pencil. How much money did she spend?

Q07. The length of a young gram plant is 65 mm. Express its length in cm.

Q08. Samson travelled 5 km 52 m by bus, 2 km 265 m by car and the rest 1 km 30 m he walked. How much distance did he travel in all?

Q09. The length of a young gram plant is 75 mm. Express its length in cm.

Q10. Rahul bought 4 kg 90 g of apples, 2 kg 60 g of grapes and 5 kg 300 g of mangoes. Find the total weight of all the fruits he bought.

Q11. Fill in the blanks:

(a). Decimal notation of one-tenth is _____.

(b). Decimal form of 'Three hundred six and seven-hundredths' is _____.

(c). Every decimal can be written as a _____.

(d). Every _____ with denominator 10 can be written in decimal notation and vice-versa.

(e). Decimal notation of one-hundredth is _____.

(f). Decimal form of 'Eleven point two three five' is _____.

(g). Every _____ can be written as a fraction.

(h). Every _____ with denominator 100 can be written in decimal notation and vice-versa