

Mathematics

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(Chapter - 8) (Decimals) (Practice Test 2)

(Class VI)

Time: 1 Hour 15 Minutes

M. M: 25

General Instructions:

- This question paper contains four sections: A, B, C and D. Each part is compulsory.
- Section A has 5 MCQ of one mark each.
- Section B has 3 questions of two marks each.
- Section C has 3 questions of three marks each.
- Section D has 5 questions of five marks each, attempt any 1 out of 2.
- There is no negative marking.

Section - A

1. Decimal notation of one-hundredth is _____.
(A) 0.01 (B) 0.1 (C) 0.2 (D) none of these
2. Fractional form of 0.26 is :
(A) $\frac{11}{50}$ (B) $\frac{12}{50}$ (C) $\frac{13}{50}$ (D) $\frac{14}{50}$
3. $32.26 + 8.74$ is equal to :
(A) 41.05 (B) 41.04 (C) 41.0 (D) 41.03
4. Value of $0.2 - 0.06$:
(A) 0.12 (B) 0.16 (C) 0.14 (D) 0.15
5. 0.023 lies between
(A) 0.2 and 0.3 (B) 0.03 and 0.029 (C) 0.02 and 0.03 (D) None of these

Section - B

6. Write the following in decimals:
(i) $\frac{3}{10} + \frac{7}{1000}$ (ii) $200 + 70 + 9 + \frac{5}{10}$
7. Write the following in decimals:
(i) $\frac{4}{10} \times 25$ (ii) $\frac{3}{9} \times 210$
8. Write the following in decimals:
(i) $\frac{4}{3} \times 5$ (ii) $\frac{2}{5} \times 12$

Section - C

9. The decimals shown in the above place value table can be written as follows:
(i) 307.12 (ii) 9543.025 (iii) 12.503
10. Write the following in decimals:
(i) $30 + 6 + \frac{2}{10}$ (ii) $700 + 5 + \frac{7}{10}$ (iii) $100 + 60 + 5 + \frac{1}{10}$

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11. Convert the following decimals into fractions:

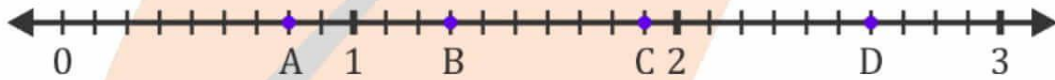
- (i) 3.8
- (ii) 21.2
- (iii) 6.4
- (iv) 1

Section - D

12. Represent the following number on the number line.

- (i) 0.2
- (ii) 1.9
- (iii) 1.1
- (iv) 2.5

13. Write the decimal number represented by the points on the given number line A, B, C, D



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Answers

Section - A

- 0.01
- $13/50$
- 41.03
- 0.14
- 0.02 and 0.03

Section - B

- (i) We have 3 tenths, 5 ones and 7 hundredths. Therefore, the decimal number is 0.307
(ii) We have 2 hundred, 7 tens, 9 ones and 5 tenths. Therefore, the decimal is 279.5
- (i) 40.4
(ii) 39.2
- (i) 4.6
(ii) 25.5

Section-C

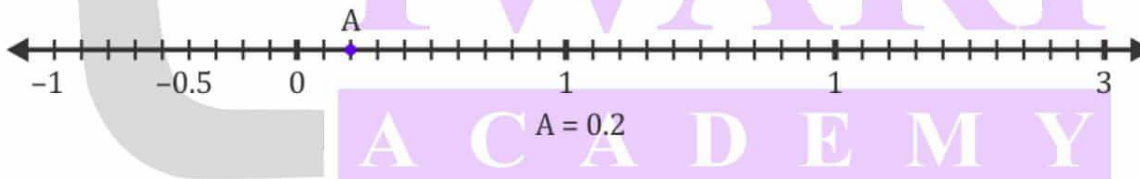
9. According to question:

	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
(i)		3	0	7	1	2	
(ii)	9	5	4	3	0	2	5
(iii)			1	2	5	0	3

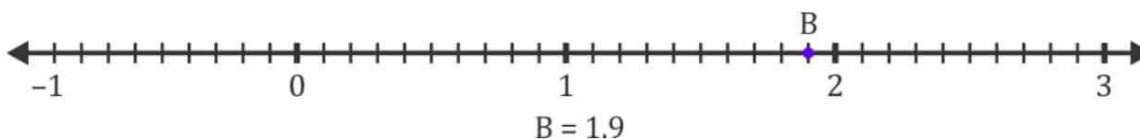
- (i) We have 3 tens, 6 ones and 2 tenths. Therefore, the decimal is 36.2
(ii) We have 7 hundred, 5 ones and 7 tenths. Therefore, the decimal is 705.7
(iii) We have 2 hundred, 6 tens, 5 ones and 1 tenth. Therefore, the decimal is 265.1
- (i) $3.8 = 3 + 8 \text{ tenths} = 3 + 8/10 = 3(10/10) + 8/10 = 30/10 + 8/10 = 38/10 = 19/5$
(ii) $21.2 = 21 + 2 \text{ tenths} = 21 + 2/10 = 21(10/10) + 2/10 = 210/10 + 2/10 = 212/10 = 106/5$
(iii) $6.4 = 6 + 4 \text{ tenths} = 6 + 4/10 = 6(10/10) + 4/10 = 60/10 + 4/10 = 64/10 = 32/5$
(iv) 1 Since the only number after the decimal is 0, the fraction is 1

Section - D

12. (i)



(ii)



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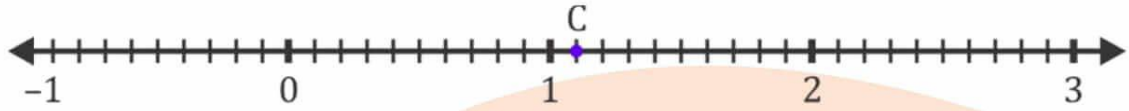
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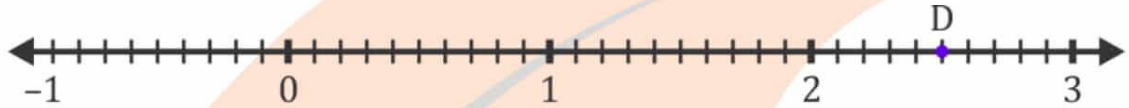
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(iii)



$C = 1.1$

(iv)



13. A) 0.8, since A is at the eighth place between 0 and 1
B) 1.3, since B is at the third place between 1 and 2
C) 1.9, since C is at the ninth place between 1 and 2
D) 2.6, since D is at the sixth place between 2 and 3



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