ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

- **Subject :Mathematics   Answers of Worksheet-5   Class 5**
- **Date 15.05.2020**

- **Chapter:Decimals**

- **Answer the following questions (MCQ) :   (1×15)**

1. 3/10 is equal to
(a) 3.1
(b) 1.3
(c) 0.3
(d) 0.03

Solution:

The option (c) is correct answer.

We know that 3/10 = 0.3

Here the denominator is 10, so we have to mark the decimal where 3 is in the tenth place.

2. 7/100 is equal to
(a) 7.1
(b) 7.01
(c) 0.7
(d) 0.07

Solution:

The option (d) is correct answer.

We know that 7/100 = 0.07

Here the denominator is 100, so we have to mark the decimal where 7 is in the hundredth place.

3. 4/1000 is equal to
(a) 0.004
(b) 0.04
(c) 0.4
(d) 4.001

Solution:

The option (a) is correct answer.

Here the denominator is 1000, so we have to mark the decimal where 4 is in the thousandth place.

4. The value of 37/10000 is
(a) 0.0370

(b) 0.0037
(c) 0.00037
(d) 0.000037

Solution:

The option (b) is correct answer.

Here the denominator is 10000, so we have to mark the decimal where 3 is in the thousandth place and 7 is in the ten-thousandth place.

5. The place value of 5 in 0.04532 is
(a) 5
(b) 5/100
(c) 5/1000
(d) 5/10000

Solution:

The option (c) is correct answer.

We know that 5 is in the thousandth place.

So we get 0.04532 = 4/100 + 5/1000 + 3/10000 + 2/100000

6. The value of 231/1000 is
(a) 0.231
(b) 2.31
(c) 23.1
(d) 0.0231

Solution:

The option (a) is correct answer.

It can be written as

231/1000 = (200+30+1)/1000 = 200/1000 + 30/1000 + 1/1000 = 2/10 + 3/100 + 1/1000

Here we have 2 tenths, 3 hundredths and 1 thousandth.

Hence, the value of 231/1000 is 0.231.

7. The value of 3 5/1000 is
(a) 3.5
(b) 3.05
(c) 3.005
(d) 3.0005

Solution:

The option (c) is correct answer.

It can be written as

3 5/1000 = 3 + 5/1000 = 3 + 0.005 = 3.005

8. The value of 3/25 is
(a) 1.2
(b) 0.12
(c) 0.012
(d) None of these

Solution:

The option (b) is correct answer.

It can be written as

3/25 = (3×4)/ (25×4) = 12/100 = 0.12

9. The value of 2 1/25 is
(a) 2.4
(b) 2.25
(c) 2.04
(d) 2.40

Solution:

The option (c) is correct answer.

It can be written as

2 1/25 = 2 + 1/25 = 2 + (1×4)/ (25×4) = 2 + 4/100 = 2 + 0.04 = 2.04

10. 4 7/8 is equal to
(a) 4.78
(b) 4.87
(c) 4.875
(d) None of these

Solution:

The option (c) is correct answer.

It can be written as

4 7/8 = 4 + 7/8 = 4 + (7×125)/ (8×125)

On further calculation

4 7/8 = 4 + 875/1000 = 4 + 0.875 = 4.875

11. 2+3/10+5/100 is equal to
(a) 2.305
(b) 2.3
(c) 2.35
(d) 0.235

Solution:

The option (c) is correct answer.

We know that 3/10 = 0.3 having denominator as 10, so we need to mark the decimal where 3 is in the tenth place

5/100= 0.05 having denominator as 100, so we need to mark the decimal where 5 is in the hundredth place

It can be written as,

2 + 3/10 + 5/100 = 2+ 0.3 + 0.05 = 2.35

12. 3/100+5/10000 is equal to
(a) 0.35
(b) 0.305
(c) 0.0305
(d) 0.3005

Solution:

The option (d) is correct answer.

We know that 3/100 = 0.03 having denominator 100, so we mark the decimal where 3 is in the hundredth place

5/10000 = 0.0005 having denominator 10000, so we mark the decimal where 5 is in the ten thousandth place

It can be written as,

3/100 + 5/10000 = 0.03 + 0.0005 = 0.0305

13. 1 cm is equal is
(a) 0.1 m
(b) 0.01 m
(c) 0.10 m
(d) 0.001 m

Solution:

The option (b) is correct answer.

100 cm = 1 m

So we get,

1 cm = 1/100 m = 0.01 m

14. 1 m is equal to
(a) 0.1 km
(b) 0.01 km
(c) 0.001 km
(d) 0.0001 km

Solution:

The option (c) is correct answer.

1000 m = 1 km

So we get,

1 m = 1/1000 m = 0.001 km

15. 2 kg 5 gm is equal to
(a) 2.5 kg
(b) 2.05 kg
(c) 2.005 kg
(d) 2.6 kg

Solution:

The option (c) is correct answer.

1000 g = 1 kg

So we get 1 g = 1/1000 kg = 0.001 kg

The same way 5 g = 5/1000 kg = 0.005 kg

Hence, 2 kg 5 gm =2 kg + 0.005 kg = 2.005 kg

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