Al Amal Learning Center

Class 9 Mathematics Chapter 2: Logarithms Exercise 2.3 MCQs – Online Practice | FBISE

Class 9 Mathematics · Chapter 2: Logarithms

Name: _____ Date: _____ Score: _____ / 20

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1. What is the characteristic of log 5313?

A) 4
B) 3
C) 2
D) 5313

2. What is the characteristic of log 0.01207?

A) 2
B) -1
C) -2
D) -3

3. What is the value of log of 1 trillion?

A) 9
B) 10
C) 11
D) 12

4. What is the characteristic of log 0.0093?

A) -3
B) 3
C) -2
D) -4

5. Which of the following logarithms is not possible?

A) log 54
B) log 0.0093
C) log 1.009
D) log (-15)

6. If log 4 = 0.6021, what is log 4000?

A) 0.6021
B) 2.6021
C) 3.6021
D) 4.6021

7. If log 4 = 0.6021, what is log 0.4?

A) 0.6021
B) 1.6021
C) 1?.6021
D) 2?.6021

8. If log 4 = 0.6021, what is log 0.00004?

A) 4?.6021
B) 5?.6021
C) 5.6021
D) 4.6021

9. If the characteristic of the log of a whole number is 6, how many digits does the number have?

A) 6
B) 5
C) 7
D) 8

10. The mantissa of a logarithm is always

A) negative
B) a whole number
C) greater than 1
D) non-negative and less than 1

11. What is log 1.009, using log 1009 = 3.0038?

A) 3.0038
B) 0.0038
C) 1.0038
D) 0.038

12. What is log 10.09, using the mantissa .0038?

A) 0.0038
B) 2.0038
C) 1.38
D) 1.0038

13. What is log 156.3?

A) 1.1939
B) 2.1939
C) 3.1939
D) 2.1393

14. What is log 0.0123?

A) 2?.0899
B) -2.0899
C) 1?.0899
D) 2.0899

15. In 2?.0899, the characteristic and mantissa are

A) 2 and -0.0899
B) -2 and 0.0899
C) -2 and -0.0899
D) 2 and 0.0899

16. What is log 4580?

A) 2.6609
B) 4.6609
C) 3.6609
D) 3.4580

17. What is log 5313?

A) 3.7253
B) 2.7253
C) 4.7253
D) 3.5313

18. What is log 54?

A) 0.7324
B) 2.7324
C) 5.4
D) 1.7324

19. If no base is written, log 36 means

A) log? 36
B) log? 36
C) log?? 36
D) log?? 10

20. Which of these numbers has a logarithm with characteristic 0?

A) 4
B) 40
C) 0.4
D) 400

Answer key

1-B 2-C 3-D 4-A 5-D 6-C 7-C 8-B 9-C 10-D

11-B 12-D 13-B 14-A 15-B 16-C 17-A 18-D 19-C 20-A