

Neway Challenge Academy No.2

2020/21 A.Y

Second semester



Name: _____ Grade 6 Section: ____ R. No: ____
Date: _____ Value_ Allotted Time_ Subject: **MATHEMATICS**

READ CAREFULLY AND ANSWER THE FOLLOWING QUESTIONS.

- How do you write the fraction $\frac{2}{10}$ as a decimal?
A. 0.2 B. 0.02 C. 0.002 D. 2
- The decimal equivalent for the fraction $\frac{3}{4}$ is?
A. 0.5 B. 1.5 C. 0.25 D. 0.625
- Which symbol correctly compares: 0.75 ___ 0.065 ? A.< B.> C.= D.>=
- Before we add or subtract decimals:
A. Remove the decimal point
B. Lineup the decimal point
C. Move the decimal point to the left
D. Move the decimal point to the right
- A gas station sold 300.5849 gallons of gas did the gas station sell rounded to the nearest hundredth?
A. 300.59
B. 300
C. 300.58
D. 300.585
- Selamawit and Dawit decided to have a race at school track. Selamawit's track was 57.48 seconds .Dawit's time was 48.7 seconds. How much faster was Dawit than selamawit?
A. 8.78 sec B. 8.59 sec C. 8.69 sec D. 9.69 sec
- Choose the greater decimal from :0.9,0.09,0.88,0.009,0.098
A. 0.09 B. 0.98 C. 0.90 D.0.88
- When we write the decimal 14.849 in words
A. Eight hundred forty nine thousandths
B. Fourteen and eight hundred forty nine hundredths
C. Fourteen and eight hundred forty nine thousandths
D. Eight hundred forty nine tenths
- Which group of decimals is in order from least to the greatest?
A. 0.1,0.02,0.03
B. 0.03,0.02,0.1
C. 0.1,0.03,0.2

D. 0.02,0.03,0.1

10. Betel walked 3km on Monday , 4.2km on Wednesday,3.8km on Friday. Which of the following is the best estimate of the total?

A. 10 B. 12 C. 11 D. 14

11. What does 1545.5 divided by 100?

A. 15.456 B. 1.5456 C. 154.56 D. 1545.6

12. What is eight thousandth in decimal form?

A. 0.8 B. 0.08 C. 0.008 D. 8

13. What is the fraction form of 0.85?

A. 85/1 B. 85/10 C. 85/100 D. 85/1000

14. What is 0.25078 rounded to 3 decimal places?

A. 0.03 B. 0.251 C. 0.025 D. 0.02508

15. Which of the following is true?

A. $0.325 < 0.275$ B. $0.310 > 0.325$ C. $0.310 < 0.275$ D. $0.325 > 0.310$

16. When we convert the repeating decimal 0.1818...to fraction is _____

A. 2/11 B. 1/2 C. 4/9 D. 1/12

17. At a practice a football player hit the ball 80.5 yard , 84.25 yard, 84.05 yard and 80.75 yard. Which distance is the longest?

A. 80.5 yard B. 84.25 yard C. 84.05 yard D. 80.75 yard

18. The decimal form of eighteen and fifteen thousandth is _____

A. 18.15 B. 18.015 C. 18.005 D. 8.015

19. Natan ate $\frac{4}{100}$ of pizza. What the correct decimal notation for the amount of pizza he ate?

A. 0.4 B. 0.04 C. 0.004 D. 4.0

20. The standard decimal form of $3 \times 0.1 + 7 \times 0.01$ is _____

A. 0.37 B. 7.30 C. 3.7 D. 0.307

21. All decimals are equivalent except one.

A. 1.00050 B. 1.0050 C. 1.00500 D. 1.005

22. If you buy three meals at a restaurant that total 13.50\$ and each meal costs the same amount, then

How much each meal costs?

A. 3.50\$ B. 2.85\$ C. 4.50\$ D. 3.25\$

23. 7.02 and 7.020 are _____

- A. Equivalent B. not equivalent

24. What is the value of P such that $37.1 = p + 1.4$

- A. 38.5 B. 35.7 C. 37.5 D. 35.8

25. If you divide 0.0286 by 0.02 what is the quotient?

- A. 2.14 B. 5.6 C. 0.14 D. 1.43

26. If $3.6y = 8.64$ then the value of y is _____

- A. 5.04 B. 12.24 C. 24 D. 31.1

27. The sum of 65.17 and 8.04 is _____

- A. 73.57 B. 73.11 C. 73.21 D. 63.21

28. What is the divisor in $0.85/0.5$?

- A. 0.85 B. 0.5 C. 0.05 D. 5

29. How many significant digits are there in the decimal 85.0041?

- A. 3 B. 4 C. 5 D. 6

30. The product of 75.29 and 100 is _____

- A. 0.7529 B. 7.529 C. 7529 D. 752.9

31. If $m/7.4 = 6.8$, then the value of m is _____

- A. 0.6 B. -0.6 C. 14.2 D. 50.32

32. The decimal 0.99 is _____

- A. Terminating B. Repeating C. Both

33. When we round 56.258 to the nearest tenth places _____

- A. 56.26 B. 56.3 C. 56.200 D. 56.2

34. Samuel biked 1.2 miles then he run 0.75 miles . how far he go?

- A. 0.05 miles B. 1.85 miles C. 1.95 miles D. 2 miles

35. Blen was asked by her teacher to compares a numbers 149.041 and 149.901 .which is the correct way to compare these two numbers?

- A. $149.041 > 149.901$ B. $149.041 = 149.901$ C. $149.901 < 149.041$ D. $149.901 > 149.041$

36. If $x/5 = 15.5$ then what is the value of x ?

- A. 3.1 B. 10.5 C. 20.5 D. 77.5

37. $78.1001 > 78.10010$

- A. TRUE B. FALSE

38. Divide and round the quotient to the nearest hundredth place: $9.97 / 2.9$

- A. 3.45 B. 3.43 C. 3.44 D. 34.4

39. To hundred thirty six and six hundred ten thousandth as a decimal is _____

- A. 236,000.610 B. 236.610 C. 200,036.610 D. 236,610

40. Daniel bought 10 cakes that cost 8.34 \$ each .how much did the cakes cost altogether?

- A. 18.34\$ B. 834\$ C. 1.66\$ D. 83.4\$

41. What is 37 divided by 0.01?

- A. 370 B. 3700 C. 3.7 D. 0.37

42. Estimate the sum of 6.8 and 3.9 to the nearest whole number.

- A. 10.7 B. 3 C. 11 D. 28

43. Which of the following has the least value?

- A. 25.09 B. 25.101 C. 25.007 D. 25.1

44. Meseret bought 3.9kg of bananas, 1.1 kg of oranges and 4.5 kg of apples .How many kg of fruit did meseret bought?

- A. 9.7kg B. 9.5kg C. 8.9kg D. 8.5kg

45. What is the expanded form of 0.97 ?

- A. $8 \times 1 + 7 \times 0.1 + 5 \times 0.01$ B. $2 \times 1 + 8 \times 0.01$

- C. $6 \times 1 + 1 \times 0.1 + 9 \times 0.01$ D. $9 \times 0.1 + 7 \times 0.01$

46. Which one is equal with 101.0101?

- A. 101.1010 B. 101.101 C. 1010.1010 D. 1010.01010

47. Mr. Mewael spent 15.62\$ for the red paint .he spent three times as much for blue paint .

How much did he spend for blue paint?

- A. 15.624\$ B. 31.24\$ C. 42.52\$ D. 46.56\$

48. At the produce store you can buy 4 bugs of bananas for 22.52\$.How would it cost if you wereto buy 2 bugs?

- A. 11.26\$ B. 90.08 \$ C. 5.63 \$ D. 16.89 \$

49. Natan wrote the fraction $11/4$ on a board .what decimal equivalent to $11/4$?

- A. 2.75 B. 2.5 C. 2.25 D. 1.75

50. What is the value of $-4.85 - (-6.32)$ is _____

- A. -11.17 B. -1.47 C. 1.47 D. 11.17

51. Add: $3.2 + 985.2 + 0.3714 + 2108$

- A. 3096.9714 B. 3096.8714 C. 3096.7714 D. 3096.6714

52. Which expand form correctly represents the number 12.03?

- A. $12 + 0.3$ B. $10 + 2 + 0.3$ C. $12 + 0.03$ D. $12 + 0.03$

53. The sum 456.09 and 156.62 is _____

- A. Six hundred twelve and seventy one thousandths
B. Six hundred and seventy one thousandths
C. six hundred twelve and seventy one hundredth
D. six hundred thirteen and seventy one hundredths

54. Which of the following comparison is not true?

- A. $3/10 = 0.3$ B. $123.4 < 123.40$ C. $0.7 = 0.700$ D. $650.8 = 650.80$

55. When we round 83.436 to the nearest hundredth,

- A. 83.4 B. 83 .43 C. 83.433 D. 83.44

56. Samuel found a board that was 9.6 feet long. He cut 4.8 feet of the board. How long is the board now?

- A. 14.4 feet B. 4.8 feet C. 9.6 feet D. 5.4 feet

57. Round 2.7 to the nearest whole number

- A. 2 B. 3 C. 7 D. 0

58. If $3.4 + 5 = n$ then what is the value of n?

- A. 3.9 B. 8.4 C. 2.4 D. 8

59. A group of five students has 8.95.How much would each friend get if they divided it equally?

- A. 2.34\$ B. 1.85\$ C. 1.79\$ D. 11.7\$

60. To convert a fraction to decimal you divide the numerator by the denominator.

A. True B. False

61. What is a decimal equivalent of $\frac{1}{3}$?

A. 0.333... B. 0.2525..... C. 0.13333.... D. 0.666.....

62. What is five and eighty five hundredths?

A. 5.085 B. 5.85 C. 58.5 D. 0.585

63. Lidya measured 5.25grams of baking soda for a science lab. Which set of fractions equal with 5.25grams?

A. $\frac{21}{4}$ and $\frac{525}{100}$ C. $\frac{21}{4}$ and $\frac{525}{1000}$

B. $\frac{23}{4}$ and $\frac{525}{1000}$ D. $\frac{23}{4}$ and $\frac{525}{100}$

64. Which of the following is not true about natural numbers, whole numbers and integer umbers?

A. All whole numbers are integers

B. Natural numbers are also called positive integers

C. All natural numbers are whole numbers

D. All integers are natural numbers

65. The product of two integers having the same sign is _____ integer?

A. positive B. Negative C. Zero D. Neither positive nor negative

66. The sum of two integers is 60. If one of the integer is four times the other integer then the integers are?

A. 20 and 40 B. 12 and 48 C. 15 and 45 D. 24 and 36

67. The sum of a number and its opposite is _____

A. one B. zero C. not defined D. ten

68. On a number line, a number which is located to the left is smaller than to the right of it.

A. True B. False

69. An integer is increased by 84 gives -26, the integer is _____

A. 26 B. -26 C. 110 D. -110

70. 12 is added to a number, multiply the result by 3 gives 48.what is the number?

A. 16 B. 4 C. 40 D. 24

