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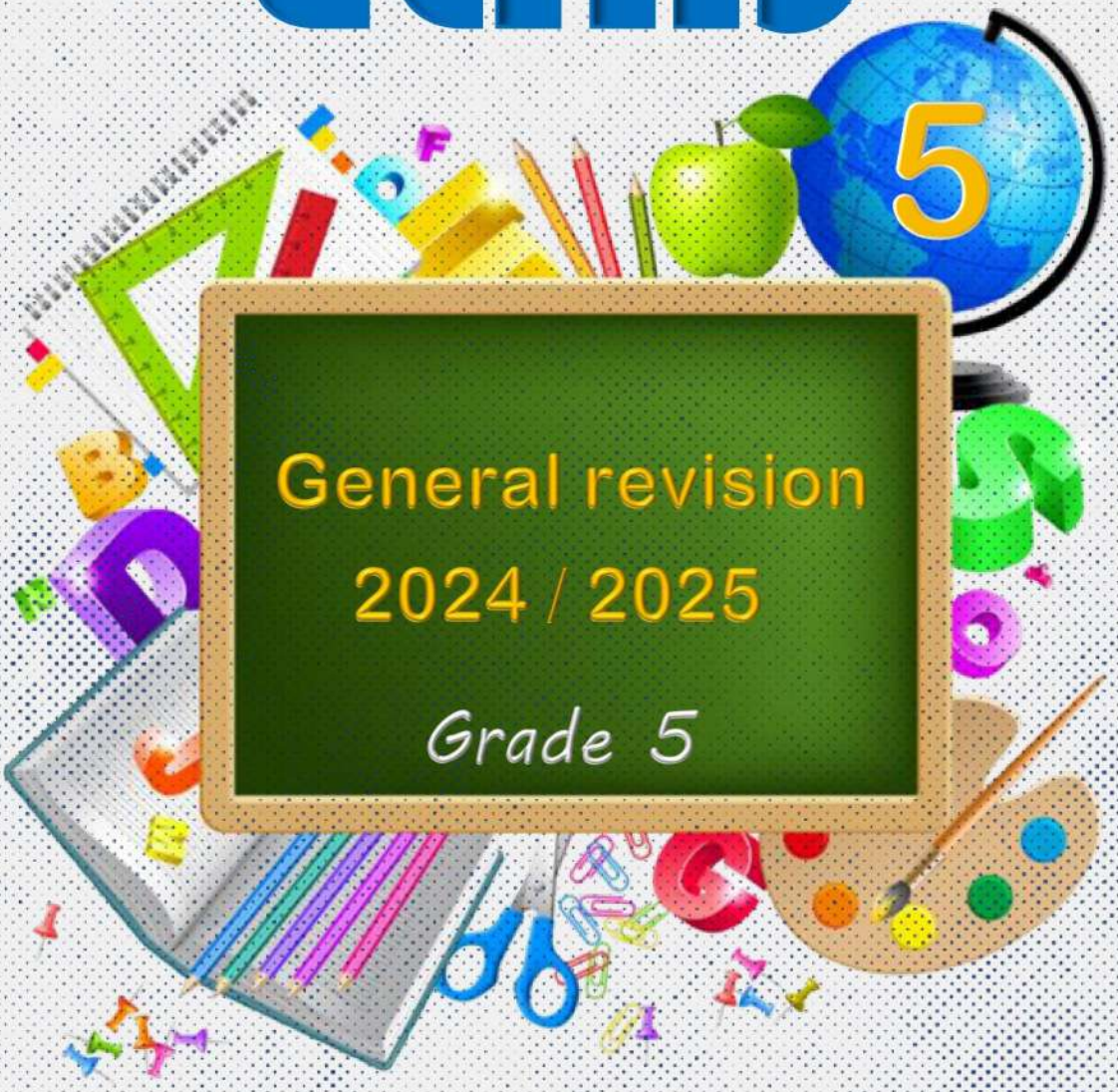

Mr. Ahmed EL Asi

Grade 5 – General revision

التقييمات والاداءات الصفية والمنزلية
افكار اضافية وردت بامتحانات المحافظات

1. Choose the correct answer:

1 The place value of the digit 4 in the number 7.004 is .....

a. Tenths b. Thousandths c. Hundreds d. Hundredths

2 The value of the digit 2 in the decimal fraction 0.529 is .....

a. 2 b. 0.2 c. 0.02 d. 0.002

3 The digit in the hundredths place in the number 83.25 is .....

a. 8 b. 3 c. 2 d. 5

4 The proper fraction as a decimal fraction $\frac{507}{100}$ is .....

a. 0.507 b. 5.07 c. 5.7 d. 50.7

5 The decimal fraction 0.54 in word form is .....

a. Fifty-four hundredths b. Fifty-four hundreds
c. Forty-five hundredths d. Fifty-four thousandths

6 8 ones, 6 hundredths, 7 thousandths = ...

a. 8.67 b. 8.607 c. 8.067 d. 87.06

7 Two and nine hundredths in standard form is .....

a. 2.9 b. 2.09 c. 2.009 d. 20.9

8 5 + 10 + 0.6 + 0.07 + 0.009 = ...

a. 976.15 b. 15.679 c. 15.976 d. 51.679

9 The number: 3 + 0.2 + 0.05 + $\frac{9}{1,000}$ = ...

a. 32.59 b. 3.259 c. 325.9 d. 9.325

10 45.1 ..... 45.057

a. > b. < c. = d. Otherwise

11 0.740 ..... 0.74

a. > b. < c. = d. Otherwise

12 0.3 ..... 3 thousandths

a. > b. < c. = d. Otherwise

13 The greatest number of the following is .....

a. 1.49 b. 1.28 c. 1.440 d. 1.401

14 Rounding of the decimal number 5.812 to the nearest whole is .....

a. 5 b. 6 c. 5.8 d. 5.81

15 3.49 ≈ ..... (to the nearest tenth)

a. 3.4 b. 3.5 c. 33 d. 3.40

16 3.9756 ≈ 3.98 is rounded to the nearest .....

a. Hundreds b. Tenths c. Hundredths d. Thousandths

17 2.56 + 3.2 = ...

a. 5.58 b. 5.76 c. 5.076 d. 1.36

18 8.56 – 3.1 = ...

a. 5.46 b. 11.66 c. 5.55 d. 5

19 5 tenths + 8 tenths = ...

a. 13 b. 1.3 c. 1.03 d. 1,300

20 6 tenths – 15hundredths = ... hundredths

a. 45 b. 0.45 c. 0.045 d. 4.5

21 5.63 = ... + 0.6 + 5

a. 3 b. 0.3 c. 0.03 d. 30

22 Estimate: 15.2 + 7.5 using front end estimation strategy is .....

a. 22 b. 17 c. 8 d. 3

23 The benchmark of the decimal fraction 0.899 is .....

a. 0 b. 0.5 c. 1 d. 1.5

24 The mathematical sentence 27 + 4.6 = m represents .....

a. Variable b. Equation c. Expression d. neither

25 Which of the following represents an expression?

a. X + 0.8 – 1.6 b. 2.36 – 1.5 = m

c. 3.25 + y = 5.55 d. Twice the number of 6

26 In 35.4 + x = 72 , the variable is .....

a. 36.6 b. x c. 35.4 d. 72

27 The value of the variable in the equation: x – 3.5 = 4 is .....

a. 7.5 b. 3.05 c. 0.5 d. 3.9

28 The number 13 has ..... factors

a. 1 b. 2 c. 3 d. 4

29 The only even prime number is .....

a. 1 b. 2 c. 3 d. 4

30 The prime number where the sum of its factors is 8 is .....

a. 2 b. 3 c. 5 d. 7

31 The prime factors of 15 are .....

a. 1 and 3 b. 3 and 5 c. 5 and 15 d. 1 and 15

32 The number whose prime factors are 2, 2 and 3 is .....

a. 6 b. 21 c. 4 d. 12

33 The common factor of all the numbers is .....

a. 0 b. 1 c. 2 d. 3

34 The common multiple of all numbers is .....

a. 0 b. 1 c. 2 d. 3

35 The number ..... is a multiple of 7

a. 15 b. 28 c. 40 d. 32

36 The number ..... is a common multiple of 9 and 6

a. 12 b. 18 c. 24 d. 27

37 The G.C.F of 2 and 3 is .....

a. 0 b. 1 c. 2 d. 6

38 The L.C.M of 5 and 7 is .....

a. 0 b. 1 c. 12 d. 35

39 ..... × 5 = 5,000

a. 10 b. 100 c. 1,000 d. 0.001

40 If 9 × r = 36, then r = ...

a. 6 b. 9 c. 4 d. 8

41 30 × 15 = ...

a. 45 b. 45 tens c. 45 hundreds d. 45 thousands

42 The product of 193 × 19 near close to .....

a. 4,000 b. 40 c. 400 d. 40,000

43 The product of 57 × 83 by using front-end estimation is .....

a. 40,000 b. 4,000 c. 400 d. 4,800

44 (80 × 10) + (80 × 3) + (3 × 10) + (3 × 3) = ...

a. 83 × 13 b. 38 × 13 c. 83 × 31 d. 38 × 31

45 (3 × 61) + (5 × 61) = ... × 61

a. 53 b. 35 c. 8 d. 6

46 What is the unknown value in the area model of 27 × 43?

	40	3
20	800	?
7	280	21

a. 6 b. 60 c. 12 d. 120

47 23 ÷ 1 = ...

a. 0 b. 1 c. 23 d. 24

48 1,515 ÷ 15 = ...

a. 11 b. 101 c. 1,001 d. 15

49 150 ÷ 15 = ...

a. 10 b. 101 c. 51 d. 15

50 8,100 ÷ 90 = ...

a. 9 b. 0.9 c. 90 d. 900

51 The divisor in the equation 39 ÷ 5 = 7 R 4 is .....

a. 7 b. 5 c. 39 d. 4

52 In the equation: 24 ÷ 6 = 4, the remainder is .....

a. 0 b. 1 c. 2 d. 4

53 If 125 × 5 = 625, then 627 ÷ 5 = 125 R .....

a. 1 b. 0 c. 2 d. 3

54 62.4 × 100 = ...

a. 624 b. 6,240 c. 62,400 d. 0.624

55 45 ÷ 100 = ...

a. 4.5 b. 0.45 c. 0.045 d. 450

56 2.51 ÷ ..... = 0.0251

a. 100 b. 0.001 c. 0.01 d. 0.1

57 85.3 × 0.1 = ...

a. 85.03 b. 0.853 c. 8.53 d. 853

58 14 × ..... = 1.4

a. 10 b. 100 c. 0.1 d. 0.01

59 $76.5 \times \frac{1}{10}$ = ...

a. 765 b. 7.65 c. 0.765 d. 76.05

60 0.5 × 0.5 = ...

a. 25 b. 2.5 c. 0.25 d. 0.025

61 0.2 × 0.3 = ...

a. 6 b. 0.6 c. 0.06 d. 0.006

62 3 hundredths × 3 = ...

a. 9 hundreds b. 9 hundredths c. 0.90 d. 9

63 4.1 × 1.1 = ...

a. 45.1 b. 451 c. 0.451 d. 4.51

64 0.57 liter = ... ml

a. 0.057 b. 5.7 c. 57 d. 570

65 0.007 kg = ... g

a. 0.07 b. 0.7 c. 7 d. 70

66 16.5 m = ... cm

a. 1.65 b. 165 c. 1,650 d. 0.165

67 95 millimeters = ... cm

a. 9.5 b. 0.95 c. 0.0095 d. 0.095

68 Estimate the quotient 2,835 ÷ 31 is .....

a. 10 b. 100 c. 1,000 d. 0.01

69 3.6 ÷ 0.04 = ...

a. 0.9 b. 90 c. 0.09 d. 0.009

70 0.35 ÷ 0.5 = ...

a. 7 b. 0.007 c. 0.07 d. 0.7

71 The quotient of: 2.4 ÷ 0.4 = ...

a. 11 b. 6 c. 0.6 d. 1.6

72 4 ÷ 0.5 = ...

a. 5 b. 8 c. 2 d. 3

73 2.3 ÷ 0.1 + 10 = ...

a. 230 b. 10.23 c. 33 d. 0.33

74 2 + (2.1 – 0.1) × 5 = ...

a. 10 b. 12 c. 20 d. 24

75 The rule of the pattern: 3, 7, 11, 15, ... is .....

a. n – 4 b. n + 4 c. n × 4 d. n ÷ 4

76 10, 30, 50, ... (in the same pattern)

a. 60 b. 70 c. 80 d. 90

77 If the input is 2, and the pattern rule is n × 3, then the output is .....

a. 5 b. 6 c. 1 d. 8

78 From the following table:
The rule of the pattern is .....

Input	28	35	42
Output	4	5	6

a. × 7 b. ÷ 7 c. + 7 d. – 7

79 The first step in evaluating: 28.1 – 3.5 × 0.2 + 29 – 4 is .....

a. 28.1 – 3.5 b. 3.5 × 0.2 c. 0.2 + 29 d. 29 – 4

2. Answer the following:

1. Write the number 65.75 in word form
.....
2. Decompose the decimal number 65.23 in expanded form
.....
3. Decompose the decimal number 52.174 by 3 different ways
.....
4. Arrange the following decimal numbers in ascending order:
5.571 , 5.729 , 7.703 , 5.072
.....
5. Arrange the following decimal numbers in descending order:
45.66 , 66.7 , 45.6 , 20.23
.....
6. Find the sum of: 7.65 + 9.15
.....
7. Find the difference: 43.25 – 2.1
.....
8. If Khalid's weight is 45.75 kg and Mahmoud's weight is 42.5 kg, what is the total weight of Khalid and Mahmoud?
.....
9. Ahmed has 100.75 pounds and gave his brother 24.25 pounds. How much money remains with Ahmed?
.....
10. Find the value of the variable in the following equation:
b – 1.5 = 6.2
.....
11. Solve the following equation:
G + 3.5 = 8
.....
12. Use the bar model to find the value of the variable:
.....

5.4	
f	2.3

13. Write the prime factors of the number 24 .Is the number 24 prime or composite?
.....
14. Write the first five multiples of the number 9
.....
15. Find the greatest common divisor (G.C.F) and the least common multiple (L.C.M) of 12 and 10 (using prime factorization)
.....

16 Find the G.C.F and L.C.M of the two numbers 30 and 18

.....

17 Find the product using the area model: 14 × 123

.....

18 Find the product using the distributive property: 34 × 26

.....

19 Find the product using the standard algorithm: 215 × 22

.....

20 A tourist bus has 65 seats. How many passengers can be transported by 15 buses of the same type (assuming all seats are occupied)?

.....

21 A clothing factory produces 425 pieces of clothing per day. How many pieces will the factory produce in 20 days?

.....

22 Salma uses 137 grams of sugar per day. How many grams does she use in 35 days?

.....

23 Find the quotient using the area model: 1,625 ÷ 13

.....

24 Find the result using the standard division algorithm: 864 ÷ 12

.....

25 A charity organization distributed a sum of 8,525 pounds equally among 11 families. What is the share of each family?

.....

26 What is the number that, when multiplied by 25, the result is 975?

.....

27 Mahmoud has 714 pounds and wants to buy notebooks that cost 51 pounds each. How many notebooks can Mahmoud by of the same type?

.....

28 Hagar has an amount of 2,350 pounds and wants to distribute it equally among 25 people in need. What is the share of each person?

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29 A teacher wants to distribute 280 prizes among 7 classes equally. How does each class get?

.....

30 Find the product using the rectangle area model: 4.5 × 1.2

.....

31 Find the product using the standard algorithm: 0.35 × 7.12

.....

32 If the price of a pencil is 8.25 pounds. What is the price of 100 pencils of the same type?

.....

33 The mass of a box of mangoes is 9 kg. What is the mass of 1,000 boxes of the same type?

.....

34 Doha bought 3.55 kilograms of grapes. If the price per kilogram is 30 pounds, what is the total amount Doha paid?

.....

35 Use the standard algorithm to find: 26.4 ÷ 2.2

.....

36 Find the result of: 51.65 ÷ 5

.....

37 Kamal has 18.6 kg of chocolate, and he divided it equally into four boxes. What is the weight of the chocolate in one box?

.....

38 Imad has 4.5 meters of wire. Cut into 30 equal pieces. Find the length of each piece

.....

39 A water tank has a capacity of 20,000 milliliters. What is its capacity in liters?

.....

40 Find the value of the numerical expression:
0.6 × 0.4 ÷ 0.01 + 6

.....

41 Find the value of the numerical expression:
3.6 ÷ (0.7 + 0.2)

.....

42 Find the value of the numerical expression:
88 ÷ 11 – 7 + 4

.....

43 Write the expression that matches the clue and solve it:
Add 2.4 to 3.5 , then multiply the result by 10

.....

44 Write the expression, then evaluate the expression:
Subtract 2.1 from 5.2, then multiply the result by 100

.....

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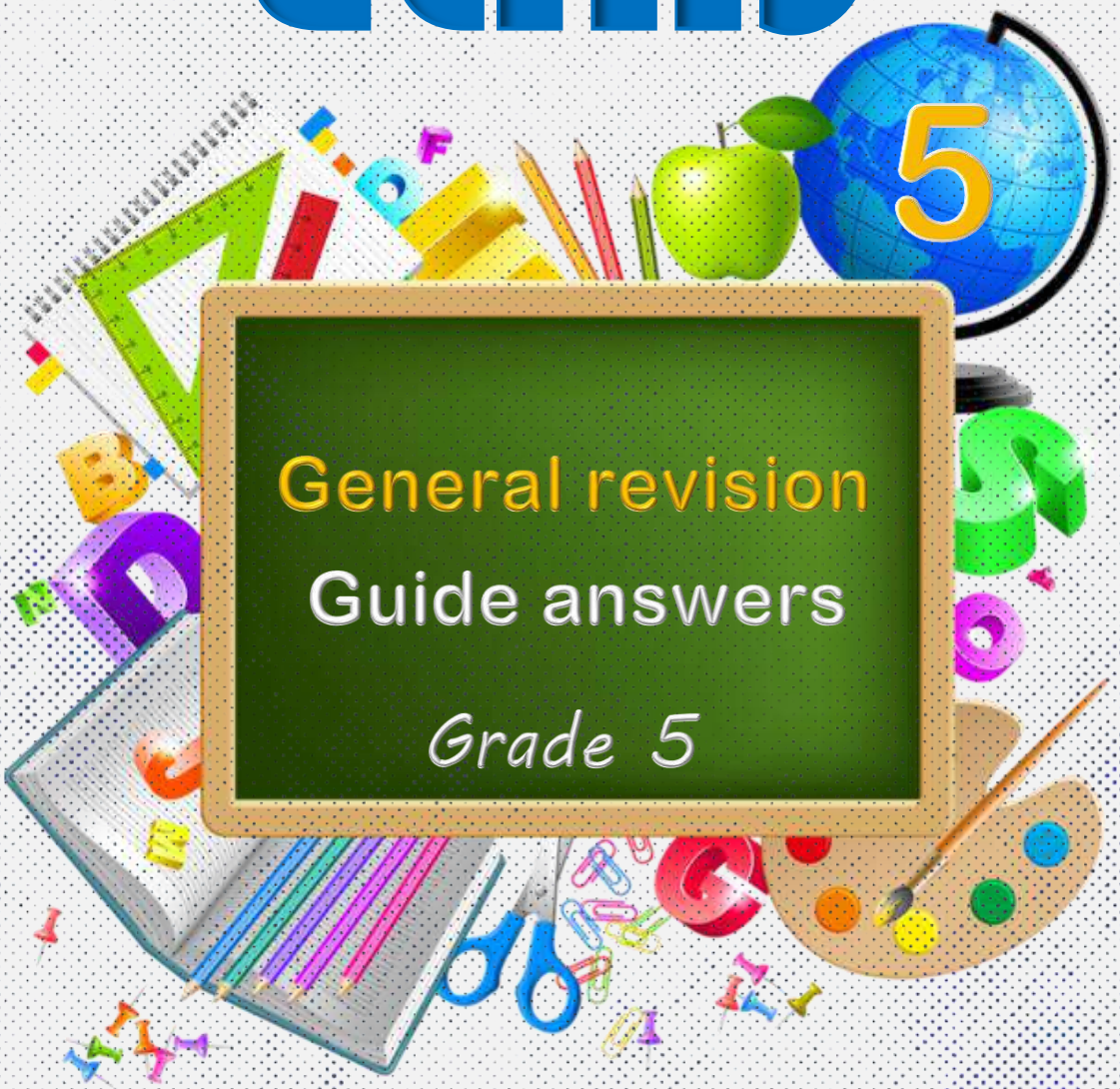

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30 The prime number where the sum of its factors is 8 is .....

a. 2 b. 3 c. 5 d. 7

31 The prime factors of 15 are .....

a. 1 and 3 b. 3 and 5 c. 5 and 15 d. 1 and 15

32 The number whose prime factors are 2, 2 and 3 is .....

a. 6 b. 21 c. 4 d. 12

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a. 0 b. 1 c. 2 d. 3

34 The common multiple of all numbers is .....

a. 0 b. 1 c. 2 d. 3

35 The number ..... is a multiple of 7

a. 15 b. 28 c. 40 d. 32

36 The number ..... is a common multiple of 9 and 6

a. 12 b. 18 c. 24 d. 27

37 The G.C.F of 2 and 3 is .....

a. 0 b. 1 c. 2 d. 6

38 The L.C.M of 5 and 7 is .....

a. 0 b. 1 c. 12 d. 35

39 ..... × 5 = 5,000

a. 10 b. 100 c. 1,000 d. 0.001

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42 The product of 193 × 19 near close to .....

a. 4,000 b. 40 c. 400 d. 40,000

43 The product of 57 × 83 by using front-end estimation is .....

a. 40,000 b. 4,000 c. 400 d. 4,800

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a. 0 b. 1 c. 23 d. 24

48 1,515 ÷ 15 = ...

a. 11 b. 101 c. 1,001 d. 15

49 150 ÷ 15 = ...

a. 10 b. 101 c. 51 d. 15

50 8,100 ÷ 90 = ...

a. 9 b. 0.9 c. 90 d. 900

51 The divisor in the equation 39 ÷ 5 = 7 R 4 is .....

a. 7 b. 5 c. 39 d. 4

52 In the equation: 24 ÷ 6 = 4, the remainder is .....

a. 0 b. 1 c. 2 d. 4

53 If 125 × 5 = 625, then 627 ÷ 5 = 125 R .....

a. 1 b. 0 c. 2 d. 3

54 62.4 × 100 = ...

a. 624 b. 6,240 c. 62,400 d. 0.624

55 45 ÷ 100 = ...

a. 4.5 b. 0.45 c. 0.045 d. 450

56 2.51 ÷ ..... = 0.0251

a. 100 b. 0.001 c. 0.01 d. 0.1

57 85.3 × 0.1 = ...

a. 85.03 b. 0.853 c. 8.53 d. 853

58 14 × ..... = 1.4

a. 10 b. 100 c. 0.1 d. 0.01

59 $76.5 \times \frac{1}{10}$ = ...

a. 765 b. 7.65 c. 0.765 d. 76.05

60 0.5 × 0.5 = ...

a. 25 b. 2.5 c. 0.25 d. 0.025

61 0.2 × 0.3 = ...

a. 6 b. 0.6 c. 0.06 d. 0.006

62 3 hundredths × 3 = ...

a. 9 hundreds b. 9 hundredths c. 0.90 d. 9

63 4.1 × 1.1 = ...

a. 45.1 b. 451 c. 0.451 d. 4.51

64 0.57 liter = ... ml

a. 0.057 b. 5.7 c. 57 d. 570

65 0.007 kg = ... g

a. 0.07 b. 0.7 c. 7 d. 70

66 16.5 m = ... cm

a. 1.65 b. 165 c. 1,650 d. 0.165

67 95 millimeters = ... cm

a. 9.5 b. 0.95 c. 0.0095 d. 0.095

68 Estimate the quotient 2,835 ÷ 31 is .....

a. 10 b. 100 c. 1,000 d. 0.01

69 3.6 ÷ 0.04 = ...

a. 0.9 b. 90 c. 0.09 d. 0.009

70 0.35 ÷ 0.5 = ...

a. 7 b. 0.007 c. 0.07 d. 0.7

71 The quotient of: 2.4 ÷ 0.4 = ...

a. 11 b. 6 c. 0.6 d. 1.6

72 4 ÷ 0.5 = ...

a. 5 b. 8 c. 2 d. 3

73 2.3 ÷ 0.1 + 10 = ...

a. 230 b. 10.23 c. 33 d. 0.33

74 2 + (2.1 – 0.1) × 5 = ...

a. 10 b. 12 c. 20 d. 24

75 The rule of the pattern: 3, 7, 11, 15, … is .....

a. n – 4 b. n + 4 c. n × 4 d. n ÷ 4

76 10, 30, 50, …….. (in the same pattern)

a. 60 b. 70 c. 80 d. 90

77 If the input is 2, and the pattern rule is n × 3, then the output is .....

a. 5 b. 6 c. 1 d. 8

78 From the following table:
The rule of the pattern is .....

Input	28	35	42
Output	4	5	6

a. × 7 b. ÷ 7 c. + 7 d. – 7

79 The first step in evaluating: 28.1 – 3.5 × 0.2 + 29 – 4 is .....

a. 28.1 – 3.5 b. 3.5 × 0.2 c. 0.2 + 29 d. 29 – 4

2. Answer the following:

1. Write the number 65.75 in word form
   sixty- five and seventy-five hundredths
2. Decompose the decimal number 65.23 in expanded form
   60 + 5 + 0.2 + 0.03
3. Decompose the decimal number 52.174 by 3 different ways
   50 + 2 + 0.1 + 0.07 + 0.004 / 52 + 0.174 / 52 + 0.1 + 0.07 + 0.004
4. Arrange the following decimal numbers in ascending order:
   5.571 , 5.729 , 7.703 , 5.072
   5.072 , 5.571 , 5.729 , 7.703
5. Arrange the following decimal numbers in descending order:
   45.66 , 66.7 , 45.6 , 20.23
   66.7 , 45.66 , 45.6 , 20.23
6. Find the sum of: 7.65 + 9.15
   16.8
7. Find the difference: 43.25 – 2.1
   41.15
8. If Khalid's weight is 45.75 kg and Mahmoud's weight is 42.5 kg, what is the total weight of Khalid and Mahmoud?
   45.75 + 42.5 = 88.25 kg
9. Ahmed has 100.75 pounds and gave his brother 24.25 pounds. How much money remains with Ahmed?
   100.75 - 24.25 = 76.5 pounds
10. Find the value of the variable in the following equation:
    b – 1.5 = 6.2
    b = 7.7
11. Solve the following equation:
    G + 3.5 = 8
    G = 4.5
12. Use the bar model to find the value of the variable:

5.4	
f	2.3

    f = 3.1
13. Write the prime factors of the number 24 .Is the number 24 prime or composite?
    factors of 24: 2, 2, 2, 3 24 is composite number
14. Write the first five multiples of the number 9
    0, 9, 18, 27, 36
15. Find the greatest common divisor (G.C.F) and the least common multiple (L.C.M) of 12 and 10 (using prime factorization)
    G.C.F = 2 , L.C.M = 60

16 **Find the G.C.F and L.C.M of the two numbers 30 and 18**
G.C.F = 6 , L.C.M = 90

17 **Find the product using the area model: 14 × 123**
1,722

18 **Find the product using the distributive property: 34 × 26**
884

19 **Find the product using the standard algorithm: 215 × 22**
4,730

20 **A tourist bus has 65 seats. How many passengers can be transported by 15 buses of the same type (assuming all seats are occupied)?**
65 × 15 = 975 passengers

21 **A clothing factory produces 425 pieces of clothing per day. How many pieces will the factory produce in 20 days?**
425 × 20 = 8,500 pieces

22 **Salma uses 137 grams of sugar per day. How many grams does she use in 35 days?**
137 × 35 = 4,795 grams

23 **Find the quotient using the area model: 1,625 ÷ 13**
125

24 **Find the result using the standard division algorithm: 864 ÷ 12**
72

25 **A charity organization distributed a sum of 8,525 pounds equally among 11 families. What is the share of each family?**
8,525 ÷ 11 = 775 pounds

26 **What is the number that, when multiplied by 25, the result is 975?**
975 ÷ 25 = 39

27 **Mahmoud has 714 pounds and wants to buy notebooks that cost 51 pounds each. How many notebooks can Mahmoud by of the same type?**
714 ÷ 51 = 14 notebooks

28 **Hagar has an amount of 2,350 pounds and wants to distribute it equally among 25 people in need. What is the share of each person?**
2,350 ÷ 25 = 94 pounds

29 **A teacher wants to distribute 280 prizes among 7 classes equally. How does each class get?**
280 ÷ 7 = 40 prizes

30 **Find the product using the rectangle area model: 4.5 × 1.2**
5.4

31 **Find the product using the standard algorithm: 0.35 × 7.12**
2.492

32 If the price of a pencil is 8.25 pounds. What is the price of 100 pencils of the same type?
8.25 × 100 = 825 pounds

33 The mass of a box of mangoes is 9 kg. What is the mass of 1,000 boxes of the same type?
9 × 1,000 = 9,000 kg

34 Doha bought 3.55 kilograms of grapes. If the price per kilogram is 30 pounds, what is the total amount Doha paid?
3.55 × 30 = 106.5 pounds

35 Use the standard algorithm to find: 26.4 ÷ 2.2
12

36 Find the result of: 51.65 ÷ 5
10.33

37 Kamal has 18.6 kg of chocolate, and he divided it equally into four boxes. What is the weight of the chocolate in one box?
18.6 ÷ 4 = 4.65 kg

38 Imad has 4.5 meters of wire. Cut into 30 equal pieces. Find the length of each piece
4.5 ÷ 30 = 0.15 meters

39 A water tank has a capacity of 20,000 milliliters. What is its capacity in liters?
20 liters

40 Find the value of the numerical expression:
0.6 × 0.4 ÷ 0.01 + 6
30

41 Find the value of the numerical expression:
3.6 ÷ (0.7 + 0.2)
4

42 Find the value of the numerical expression:
88 ÷ 11 – 7 + 4
5

43 Write the expression that matches the clue and solve it:
Add 2.4 to 3.5 , then multiply the result by 10
(2.4 + 3.5) × 10 = 59

44 Write the expression, then evaluate the expression:
Subtract 2.1 from 5.2, then multiply the result by 100
(5.2 - 2.1) × 100 = 310