NEWFOUNDLAND AND LABRADOR MATHEMATICS 1201 · FINAL EXAM · 50 QUESTIONS

Final Exam — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Which term matches this description: the total area of all faces of a solid?**

- A conversion
- B precision
- C unit
- D surface area

Understand It with Pulse | Flag a mistake

2 **The value of 3^3 is**

- A 27
- B 28
- C 26
- D 29

Understand It with Pulse | Flag a mistake

3 **Which term matches this description: the largest factor shared by two numbers?**

A least common multiple

B prime number

C greatest common factor

D composite number

Understand It with Pulse | Flag a mistake

4 **For the rule y = 3x + 9 , the y intercept is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Solve: 3 times a number plus 4 equals 13. The number is**

- A 3
- B 4
- C 2
- D 5

Understand It with Pulse | Flag a mistake

6 **Which term matches this description: the amount of surface covered by a shape?**

- A volume
- B area
- C surface area
- D conversion

Understand It with Pulse | Flag a mistake

7 **What is the meaning of cube root?**

A a number that is the square of a whole number

B a number that multiplied by itself three times gives the original

C a number that is the cube of a whole number

D writing a number as a decimal times a power of ten

Understand It with Pulse | Flag a mistake

8 **Which term matches this description: an expression with two terms?**

A trinomial

B polynomial

C binomial

D expansion

Understand It with Pulse | Flag a mistake

9 **What is the meaning of dependent variable?**

A the rate of change shown by a graph

B the point where a graph crosses an axis

C a relation whose graph is a straight line

D the variable that depends on another variable

Understand It with Pulse | Flag a mistake

10 **What is the meaning of angle of elevation?**

A the angle above the horizontal to a higher point

B the angle below the horizontal to a lower point

C lines that never meet and stay the same distance apart

D lines that meet at a right angle

Understand It with Pulse | Flag a mistake

11 **Which term matches this description: the distance around a circle?**

- A diameter
- B radius
- C scale
- D circumference

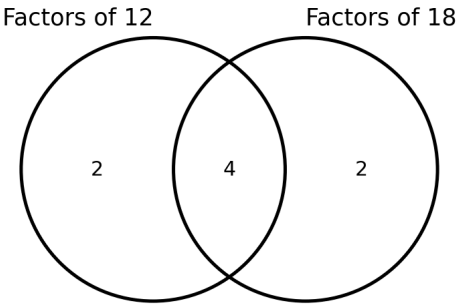
Understand It with Pulse | Flag a mistake

12 **What is the meaning of perfect square?**

- A a number that is the cube of a whole number
- B writing a number as a decimal times a power of ten
- C a number that is the square of a whole number
- D a number that cannot be written as a simple fraction

Understand It with Pulse | Flag a mistake

13 **The diagram shows counts of factors. The number that are factors of both numbers is**



ANSWER

Understand It with Pulse | Flag a mistake

14 **What is the meaning of intercept?**

A a relation whose graph is a straight line

B the point where a graph crosses an axis

C a table listing inputs and their outputs

D a picture showing a relation on axes

Understand It with Pulse | Flag a mistake

15 **What is the meaning of parallel lines?**

A lines that meet at a right angle

B replacing a variable with an equal expression to solve

C lines that never meet and stay the same distance apart

D a function whose graph is a straight line

Understand It with Pulse | Flag a mistake

16 **Which term matches this description: the total distance around a shape?**

A area

B perimeter

C volume

D surface area

Understand It with Pulse | Flag a mistake

17 **What is the meaning of square root?**

A a number that multiplied by itself gives the original

B a number that multiplied by itself three times gives the original

C a number that is the square of a whole number

D a number that is the cube of a whole number

Understand It with Pulse | Flag a mistake

18 **The product of 2 and the sum of 6 and 4 is**

A 21

B 19

C 22

D 20

Understand It with Pulse | Flag a mistake

19 **What is the meaning of relation?**

A a relation where each input has one output

B a set of ordered pairs

C the set of input values of a relation

D the set of output values of a relation

Understand It with Pulse | Flag a mistake

20 **What is the meaning of tangent ratio?**

A the longest side of a right triangle

B the angle above the horizontal to a higher point

C opposite side divided by adjacent side in a right triangle

D the angle below the horizontal to a lower point

Understand It with Pulse | Flag a mistake

21 **A circle has radius 6. Using pi as 3.14, its circumference is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **The value of 5^3 is**

A 126

B 124

C 125

D 127

Understand It with Pulse | Flag a mistake

23 **The least common multiple of 14 and 21 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **A line passes through the points with x 0 and y 5, and x 3 and y 11. Its slope is**

- **A** 3
- **B** 1
- **C** 4
- **D** 2

Understand It with Pulse | Flag a mistake

25 **Solve: 3 times a number plus 8 equals 38. The number is**

ANSWER _____

Understand It with Pulse | Flag a mistake

26 **A box has length 3, width 6 and height 4. Its volume is**

ANSWER _____

Understand It with Pulse | Flag a mistake

27 **The square root of 81 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

28 **The smallest prime factor of 15 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

29 **A line passes through the points with x 0 and y 3, and x 4 and y 11. Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

30 **In a right triangle the side opposite an angle is 3 and the hypotenuse is 5. The sine of the angle is**

A 1.1

B 0.6

C 0.1

D 1.6

Understand It with Pulse | Flag a mistake

31 **Which term matches this description: how exact a measurement is?**

A unit

B precision

C circumference

D diameter

Understand It with Pulse | Flag a mistake

32 **The value of 8^2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

33 **What is the meaning of multiple?**

A the largest factor shared by two numbers

B the smallest multiple shared by two numbers

C a number formed by multiplying by a whole number

D a number with exactly two factors

Understand It with Pulse | Flag a mistake

34 **For the rule y = 3x + 7 , when x is 3 , y is**

ANSWER _____

Understand It with Pulse | Flag a mistake

35 **Two numbers sum to 9 and their difference is -3. The larger number is**

ANSWER _____

Understand It with Pulse | Flag a mistake

36 **Which term matches this description: the amount a container can hold?**

A perimeter

B area

C volume

D capacity

Understand It with Pulse | Flag a mistake

37 **Which term matches this description: a number that cannot be written as a simple fraction?**

A irrational number

B rational number

C exponent law

D zero exponent

Understand It with Pulse | Flag a mistake

38 **What is the meaning of composite number?**

A an expression with two terms

B an expression with three terms

C a number with more than two factors

D an expression with one or more terms

Understand It with Pulse | Flag a mistake

39 **A line passes through the points with x 0 and y 6, and x 4 and y 26. Its slope is**

A 6

B 5

C 4

D 7

Understand It with Pulse | Flag a mistake

40 **Solve: 3 times a number plus 8 equals 23. The number is**

ANSWER _____

Understand It with Pulse | Flag a mistake

41 **Which term matches this description: changing a measurement from one unit to another?**

A conversion

B precision

C unit

D circumference

Understand It with Pulse | Flag a mistake

42 **Which term matches this description: a number that multiplied by itself three times gives the original?**

A cube root

B perfect square

C perfect cube

D scientific notation

Understand It with Pulse | Flag a mistake

43 **What is the meaning of expansion?**

- A writing a sum as a product of factors
- B a factor shared by every term
- C writing a product as a sum of terms
- D a number or expression that divides another exactly

Understand It with Pulse | Flag a mistake

44 **Which term matches this description: the rate of change of a relationship between two quantities?**

- A intercept
- B linear relation
- C table of values
- D slope

Understand It with Pulse | Flag a mistake

45 **Which term matches this description: opposite side divided by hypotenuse in a right triangle?**

A cosine ratio

B tangent ratio

C hypotenuse

D sine ratio

Understand It with Pulse | Flag a mistake

46 **A length of 4 metres, changed to centimetres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

47 **Which term matches this description: the number that shows how many times a base is multiplied?**

A exponent

B base

C power

D square root

Understand It with Pulse | Flag a mistake

48 **The smallest prime factor of 21 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

49 **Which term matches this description: the variable that depends on another variable?**

A slope

B intercept

C dependent variable

D linear relation

Understand It with Pulse | Flag a mistake

50 **Which term matches this description: two or more equations solved together?**

A solution of a system

B system of equations

C sine ratio

D cosine ratio

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. D
2. A
3. C
4. 9
5. A
6. B
7. B
8. C
9. D
10. A
11. D
12. C
13. 4
14. B
15. C
16. B
17. A
18. D
19. B
20. C
21. 37.68
22. C
23. 42
24. D
25. 10
26. 72
27. 9
28. 3
29. 2
30. B
31. B
32. 64
33. C
34. 16
35. 3
36. D
37. A
38. C
39. B
40. 5
41. A
42. A
43. C
44. D
45. D
46. 400
47. A
48. 3
49. C
50. B

© 2026 Brett Robbins. All Rights Reserved.