NOVA SCOTIA MATHEMATICS AT WORK 10 · FINAL EXAM

Final Exam — Practice Test

Nova Scotia Mathematics at Work 10 • 50 questions

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 **45 millimetres in centimetres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The supplement of an angle of 40 degrees is in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **25 percent of 80 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **When x = 4 the value of 3x + 2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **2 metres in centimetres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The complement of an angle of 30 degrees is in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **30 percent of 70 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **Solve 3 x plus 5 equals 20 for x**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **2 hours in minutes is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The supplement of an angle of 80 degrees is in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **7 plus 8 times 2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **Solve 3 x minus 7 equals 8 for x**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **A rectangular floor 8 metres by 5 metres has area in m² of**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **A triangle has two angles 50 degrees and 60 degrees. The third angle in degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **Open bracket 2 plus 5 close bracket times 2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **In the pattern 5 8 11 14 the term number 2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **A rectangular garden 10 metres by 6 metres needs fencing of length in metres**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **A triangle has two angles 90 degrees and 30 degrees. The third angle in degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **1 out of 4 of 120 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **When x = 6 the value of 3x + 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **A box 4 metres by 3 metres by 2 metres has volume in m³ of**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **A right triangle has legs 5 and 12. The hypotenuse is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **72 / 8 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **Solve 6 x plus 2 equals 32 for x**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **The best unit for the capacity of a water bottle is**

A kilometres

B millilitres

C kilograms

D m^2

Understand It with Pulse | Flag a mistake

26 **A circle with radius 10 centimetres has circumference in centimetres using pi equals 3.14 of**

ANSWER _____

Understand It with Pulse | Flag a mistake

27 **The ratio of 48 to 12 in simplest form as a first number when the second is 1 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

28 **In the pattern 5 8 11 14 the term number 6 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

29 **A temperature of 20 degrees Celsius on a mild day is best described as**

A freezing

B boiling

C below freezing

D room temperature

Understand It with Pulse | Flag a mistake

30 **The complement of an angle of 20 degrees is in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

31 **8 minus -3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

32 **In the pattern 2 5 10 17 the value when n = 1 using $n^2 + 1$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

33 **A square with side 9 metres has perimeter in metres of**

ANSWER _____

Understand It with Pulse | Flag a mistake

34 **A triangle has two angles 40 degrees and 50 degrees. The third angle in degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

35 **The decimal 0.5 as a percent is**

ANSWER _____

Understand It with Pulse | Flag a mistake

36 **In the pattern 2 5 10 17 the value when n = 4 using $n^2 + 1$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

37 **A square with side 12 metres has area in m^2 of**

ANSWER _____

Understand It with Pulse | Flag a mistake

38 **A circle with radius 8 centimetres has area in cm² using pi equals 3.14 of**

ANSWER _____

Understand It with Pulse | Flag a mistake

39 **60 percent of 90 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

40 **The expression for 3 less than a number n is**

A n minus 3

B 3 minus n

C 3 n

D n plus 3

Understand It with Pulse | Flag a mistake

41 **4 kilometres in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

42 **An angle of 90 degrees is called a**

A right angle

B acute angle

C obtuse angle

D straight angle

Understand It with Pulse | Flag a mistake

43 **7 times 8 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

44 The expression for twice a number n is

- A 2n
- B n + 2
- C n - 2
- D n^2

Understand It with Pulse | Flag a mistake

45 150 minutes in hours is

ANSWER _____

Understand It with Pulse | Flag a mistake

46 **Parallel lines are lines that**

- A meet at 90 degrees
- B meet at one point
- C form a circle
- D never meet

Understand It with Pulse | Flag a mistake

47 **Rounding 47 to the nearest ten gives**

- A 40
- B 45
- C 50
- D 60

Understand It with Pulse | Flag a mistake

48 **A phone plan costs 20 dollars plus 2 dollars per gigabyte. For 5 gigabytes the cost in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

49 **A room needs 20 m² of flooring and flooring costs 10 dollars per m². The cost in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

50 **A rectangle 11 centimetres by 5 centimetres has perimeter in centimetres of**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	4.5	**18.**	60	**35.**	50
2.	140	**19.**	30	**36.**	17
3.	20	**20.**	22	**37.**	144
4.	14	**21.**	24	**38.**	200.96
5.	200	**22.**	13	**39.**	54
6.	60	**23.**	9	**40.**	A
7.	21	**24.**	5	**41.**	4000
8.	5	**25.**	B	**42.**	A
9.	120	**26.**	62.8	**43.**	56
10.	100	**27.**	4	**44.**	A
11.	23	**28.**	20	**45.**	2.5
12.	5	**29.**	D	**46.**	D
13.	40	**30.**	70	**47.**	C
14.	70	**31.**	11	**48.**	30
15.	14	**32.**	2	**49.**	200
16.	8	**33.**	36	**50.**	32
17.	32	**34.**	90		

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