Newfoundland and Labrador Mathematics 1201
Practice Test

Unit D: Relations and Functions

10 Questions

Original practice test based on the Newfoundland and Labrador curriculum. Work through each question, then check your answers at the end.

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.

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Question 1

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

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Question 2

For the rule $y = 5x + 6$, when x is 5, y is

A) 31

B) 32

C) 30

D) 33

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Question 3

Which term matches this description: a set of ordered pairs?

A) relation

B) function

C) domain

D) range

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Question 4

Which term matches this description: the point where a graph crosses an axis?

A) intercept

B) linear relation

C) table of values

D) graph

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Question 5

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

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Question 6

Which term matches this description : the set of input values of a relation?

A) range

B) ordered pair

C) domain

D) independent variable

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Question 7

Which term matches this description : the set of output values of a relation?

A) ordered pair

B) independent variable

C) dependent variable

D) range

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Question 8

Which term matches this description : the variable chosen freely in a relation?

A) dependent variable

B) independent variable

C) slope

D) intercept

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Question 9

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

A) slope

B) intercept

C) dependent variable

D) linear relation

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Question 10

Which term matches this description: two values written as an input and an output?

A) ordered pair

B) independent variable

C) dependent variable

D) slope

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ANSWER KEY

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

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