SLOPE, DISTANCE FORMULA, MIDPOINT FORMULA, AND SYSTEMS OF LINEAR EQUATIONS - PRACTICE TEST | NEW BRUNSWICK NUMBER, RELATIONS AND FUNCTIONS 10 · UNIT E · 10 QUESTIONS

Slope, Distance Formula, Midpoint Formula, and Systems of Linear Equations — 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 **The slope of the line through 0 comma 0 and 3 comma 9 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A system of linear equations has a solution where the graphs**

A are parallel

B never meet

C are identical only

D intersect

Understand It with Pulse | Flag a mistake

3 **Elimination solves a system by adding or subtracting equations to remove a**

A constant only

B graph

C slope only

D variable

Understand It with Pulse | Flag a mistake

4 **Identical lines have a system with**

A no solution

B infinitely many solutions

C one solution

D two solutions

Understand It with Pulse | Flag a mistake

5 **Solve the system x + y = 14 and x - y = 6 . The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **Solve the system x + y = 14 and x - y = 6 . The value of y is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **The distance between 3 comma 0 and 3 comma 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The solution of a system can be checked by substituting into**

- A both equations
- B one equation only
- C neither equation
- D the graph title

Understand It with Pulse | Flag a mistake

9 **The slope of the line through 1 comma 1 and 4 comma 13 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The slope of the line through 0 comma 2 and 2 comma 10 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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