NEWFOUNDLAND AND LABRADOR MATHEMATICS 2200 · UNIT E · 5 QUESTIONS

Systems and Inequalities — 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 **A long line of men in 1930s coats and hats queuing outside a city building for food. Think about the idea. A line and a parabola can intersect in at most how many points?**



A 2

B 1

C 3

D 4

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2 **Recall the idea. The solution region of y greater than 2x plus 1 is**

A below the line y equals 2x + 1

B above the line y equals 2x + 1

C on the line only

D to the left of the line only

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3 **Solve y = 2x and x + y = 21. The value of x is**

ANSWER _____

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4 **Consider the idea in general . The system x + y = 3 and x + y = 5 has**

A one solution

B infinitely many solutions

C two solutions

D no solution

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5 **The smallest integer satisfying 3x - 4 ≥ 8 is**

ANSWER _____

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ANSWER KEY

1. A
2. B
3. 7
4. D
5. 4

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