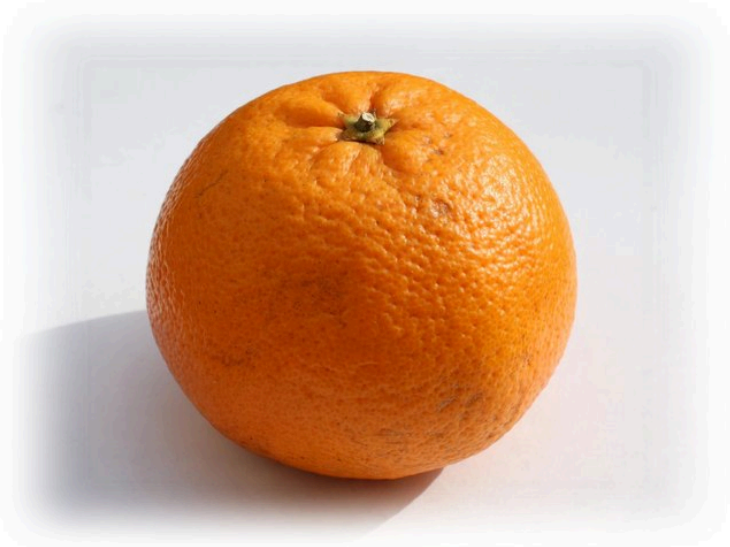
SASKATCHEWAN FOUNDATIONS OF MATHEMATICS 20 · UNIT E · 5 QUESTIONS

Systems of Linear 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 **Single whole orange on a plain white surface. Solve: 2x - 8 > 8. The smallest whole value of x that satisfies it is**



ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A system has constraints x + y is at most 8 . If x = 2 , the largest whole value of y is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The point (3, 0) satisfies which inequality**

A $x + y \leq 3$

B $x + y \geq 6$

C $x - y \leq 0$

D $2x + y \geq 10$

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4 **The solution of $6x + 8 \leq 10$ is**

A $x \geq 0$

B $x \leq 0$

C $x \leq 1$

D $x < 0$

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5 **The graph of $x \geq 5$ includes the point**

A (3, 0)

B (0, 3)

C (7, 0)

D (-5, 0)

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ANSWER KEY

1. 9
2. 6
3. A
4. B
5. C

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