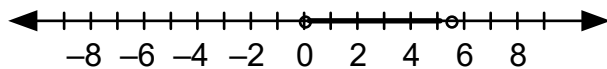


1. If the replacement set is the set of integers, find the solution set for the inequality $x + 2 \geq 9$.

[A] $\{11, 12, 13, \dots\}$ [B] $\{7\}$ [C] $\{8, 9, 10, \dots\}$ [D] $\{7, 8, 9, \dots\}$

2. If the replacement set is the set of integers, find the solution set for the inequality $2x + 12 \geq -3$.

3. What is a possible replacement set for the solution graphed below?



[A] all positive integers [B] all positive numbers [C] all positive numbers less than 4
 [D] all positive numbers between 0 and 5 [E] all integers between 0 and 5

4. Compare the quantities in Column A and Column B.

Column A

Column B

the least number that is a

the greatest number that is

solution to $-6x \leq 2$

a solution to $-2x \geq 6$

[A] The quantity in Column A is greater. [B] The quantity in Column B is greater.
 [C] The quantities are equal.
 [D] The relationship cannot be determined from the information given.

Algebra I Practice A.REI.B.3: Interpreting Solutions 2

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[1] D

[2] $\{-7, -6, -5, \dots\}$

[3] D

[4] A