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,...}  [B] {7}  [C] {8, 9, 10,...}  [D] {7, 8, 9,...}

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?

   ![Graph](image)

   [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.

<table>
<thead>
<tr>
<th>Column A</th>
<th>Column B</th>
</tr>
</thead>
<tbody>
<tr>
<td>the least number that is a solution to $-6x \leq 2$</td>
<td>the greatest number that is a solution to $-2x \geq 6$</td>
</tr>
</tbody>
</table>

   [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.
[1] D____
[2] \{-7, -6, -5, \ldots\}____________________
[3] D____