

P.I. A.A.21: Determine whether a given value is a solution to a given linear inequality in one variable

1. Which of the following is NOT a solution of the inequality $y \leq -1$?

[A] -3 [B] -1 [C] -6 [D] 0

2. Which is a solution of $2x + 5 > -1$?

[A] -6 [B] -5 [C] -4
[D] -3 [E] -2

3. Which of these numbers is a solution for $12 - x \leq 7$?

[A] 2 [B] 1 [C] -3 [D] 5

4. Which value of n is a solution of both $3(n - 3) \leq 4$ and $4(n - 2) > -1$?

[A] 1 [B] 0 [C] 5 [D] 2 [E] 6

5. -2 is NOT a solution of which inequality?

[A] $b - 3 < 4$ [B] $\frac{x}{3} > 1$
[C] $p - 1 < 2$ [D] $m + 4 > -1$

Integrated Algebra Practice: A.A.21

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[1] D

[2] E

[3] D

[4] D

[5] B