

24 Stan's solution to an equation is shown below.

Given: $n + 8(n + 20) = 110$
 Step 1: $n + 8n + 20 = 110$
 Step 2: $9n + 20 = 110$
 Step 3: $9n = 110 - 20$
 Step 4: $9n = 90$
 Step 5: $\frac{9n}{9} = \frac{90}{9}$
 Step 6: $n = 10$

Which statement about Stan's solution is true?

- A Stan's solution is correct.
- B Stan made a mistake in Step 1.
- C Stan made a mistake in Step 3.
- D Stan made a mistake in Step 5.

CSA20035

25 When is this statement true?

The opposite of a number is less than the original number.

- A This statement is never true.
- B This statement is always true.
- C This statement is true for positive numbers.
- D This statement is true for negative numbers.

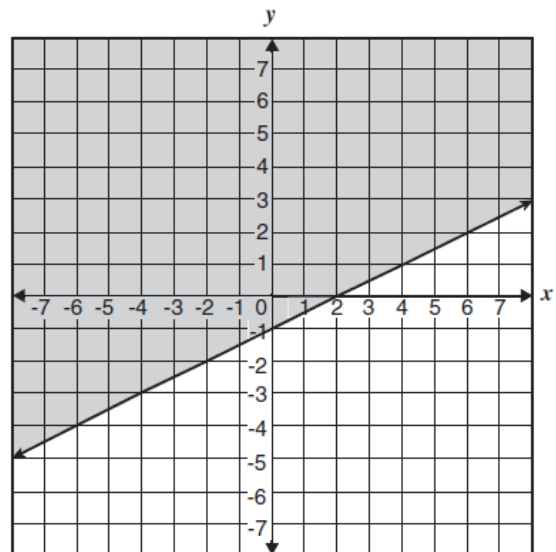
CSA20147

26 What is the y-intercept of the graph of $4x + 2y = 12$?

- A -4
- B -2
- C 6
- D 12

CSA00239

27 Which inequality is shown on the graph below



- A $y < \frac{1}{2}x - 1$
- B $y \leq \frac{1}{2}x - 1$
- C $y > \frac{1}{2}x - 1$
- D $y \geq \frac{1}{2}x - 1$

CSA10130

Answers

24	<i>B</i>
25	<i>C</i>
26	<i>C</i>
27	<i>D</i>