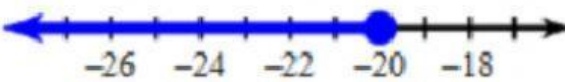
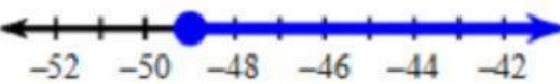
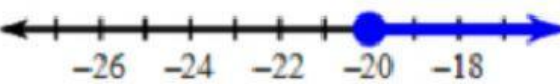
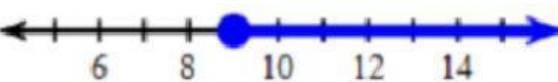


- 1) Solve and graph the inequality.
 $77 \leq 5 + 8n$

A) $n \geq -20$: 

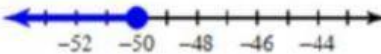
B) $n \geq -49$: 

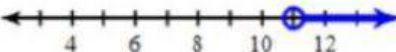
C) $n \geq -20$: 

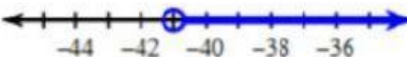
D) $n \geq 9$: 

- 2) Solve and graph the inequality.
 $7n - 1 > 76$

A) $n > -2$: 

B) $n > -50$: 

C) $n > 11$: 

D) $n > -41$: 

- 3) the Solution for this inequality : $\frac{x}{-4} + 2 > 7$

is $x < -20$,

is this true or false

☐ true

☐ false

4) Do I need to flip my sign?
 $-3x \geq 12$

- ☐ Yes, because I'll be dividing by a negative number
- ☐ No, because you never flip the sign.

5) Solve $8 + 4x > 24$

- ☐ $x > 4$
- ☐ $x > 8$
- ☐ $x > 64$
- ☐ $x < 8$

6) Solve multi step inequalities : $3 < -5n + 2n$

- ☐ $n < 1$
- ☐ $n > 1$
- ☐ $n < -1$
- ☐ $n > -1$

7) Solve: $7(x + 3) < 5x + 13$

☐ $x > 17$

☐ $x < -4$

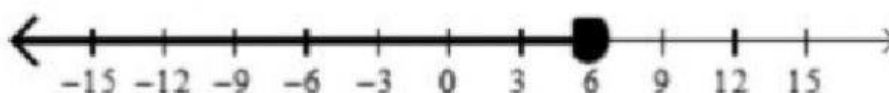
☐ $x < 17$

☐ $x > -4$

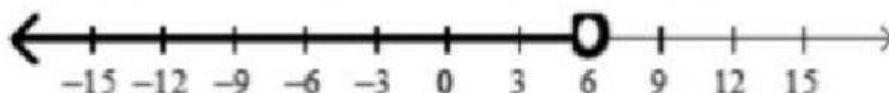
8) Pick the correct letter for:

$x - 14 < -8$

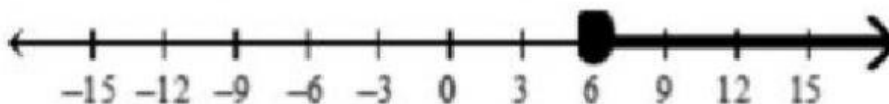
A.



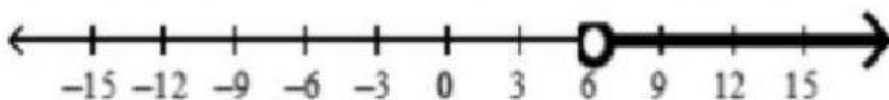
B.



C.



D.



9)

Solve this multi step inequalities

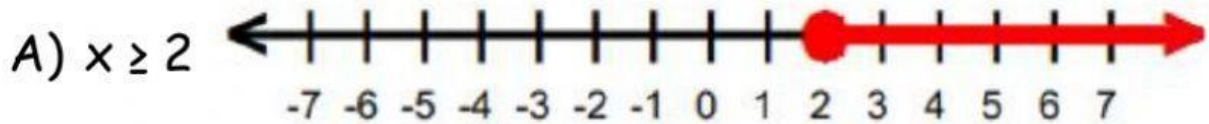
$$2(a - 8) \geq -2a$$

- ☐ $a \geq 4$
- ☐ $a \geq -1$
- ☐ $a \leq -2$
- ☐ No solution

10) When graphing an inequality, you use an open dot for which symbol?

- ☐ $<, >$
- ☐ $\leq, \geq$

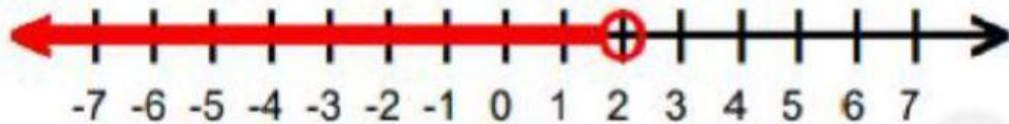
12) Match the inequality to the picture given.



B) $x < 2$

C) $x \leq 2$

13) Write the inequality for the graph up above.



A) $s \geq 2$

B) $s < 2$

C) $s > 2$

14) Solve the inequality. $-15 < 5b$

A) $b > -3$

B) $b > 1/3$

C) $b < -3$