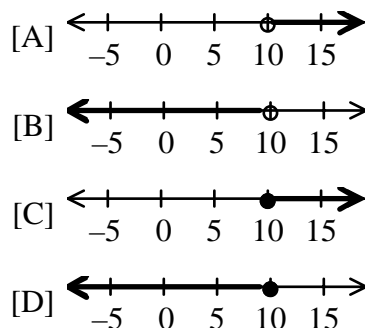


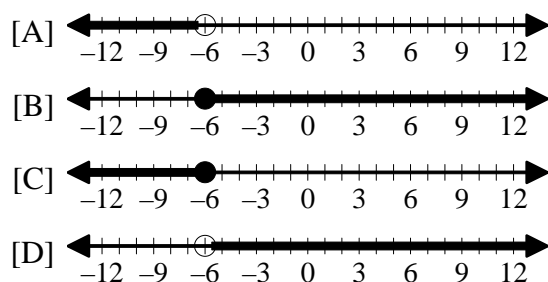
NAME: _____

P.I. A.A.24: Solve linear inequalities in one variable

1. Which graph shows the solution to $x + 2 < 12$?

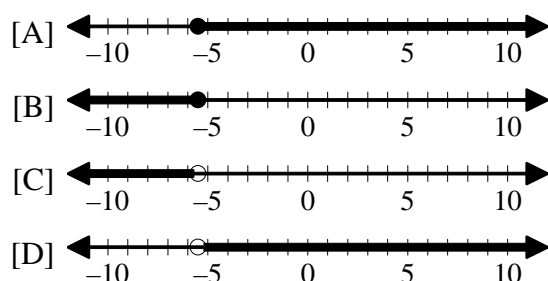


2. Which graph shows the solution of $x + 6 > 0$?

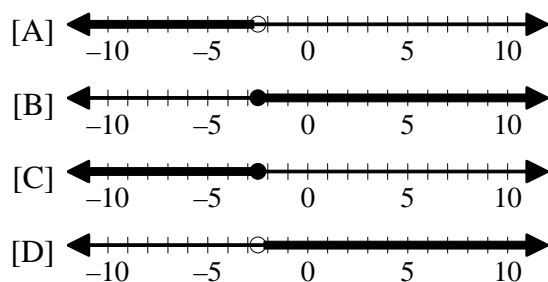


Graph:

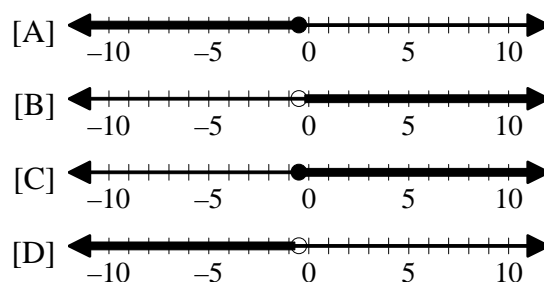
3. $5x + 5 > 3(x - 2)$



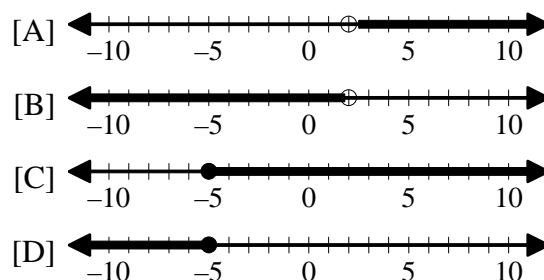
4. $5x - 1 < 3(x - 2)$



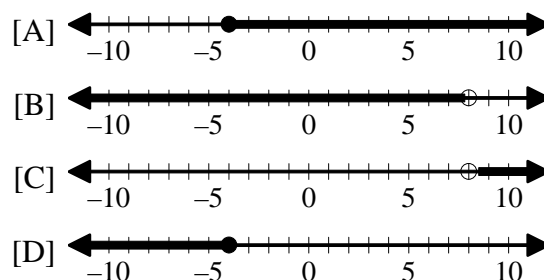
5. $5x - 2 > 3(x - 1)$



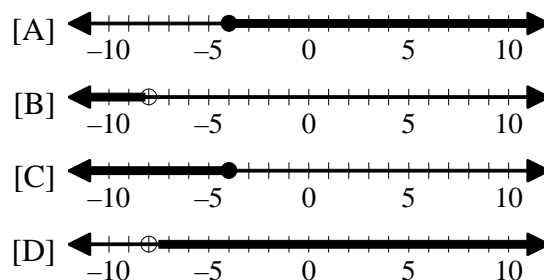
6. $x < 2$ or $x \leq -5$



7. $x > 8$ or $x \geq -4$



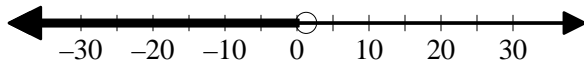
8. $x < -8$ or $x \leq -4$



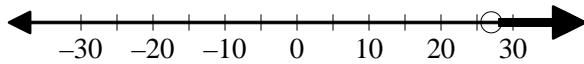
NAME: _____

9. Solve the inequality and graph the solution on a number line. $\frac{2}{9}x > 6$

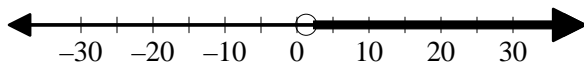
[A] $x < 1.3$



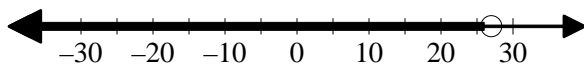
[B] $x > 27$



[C] $x > 1.3$

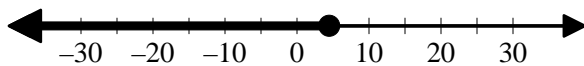


[D] $x < 27$

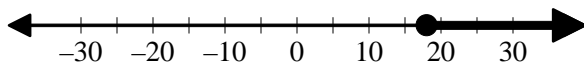


10. Solve the inequality and graph the solution on a number line. $\frac{1}{2}x \leq 9$

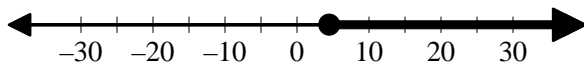
[A] $x \leq 4.5$



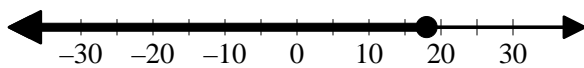
[B] $x \geq 18$



[C] $x \geq 4.5$



[D] $x \leq 18$



- [1] B
- [2] D
- [3] D
- [4] A
- [5] B
- [6] B
- [7] A
- [8] C
- [9] B
- [10] D