

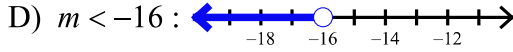
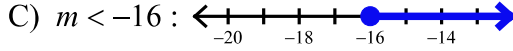
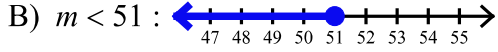
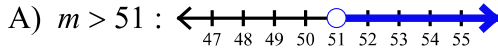
## Practice Quiz 5.1-5.3

Name \_\_\_\_\_

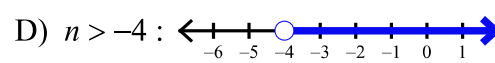
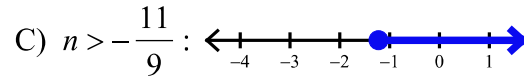
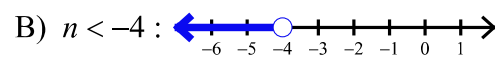
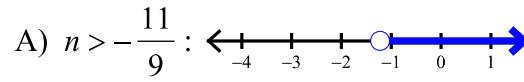
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

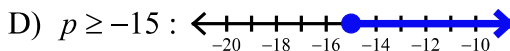
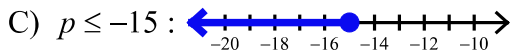
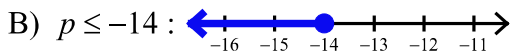
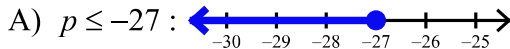
1)  $48 < -3m$



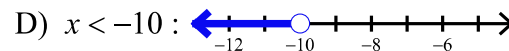
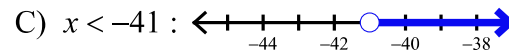
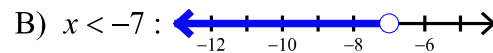
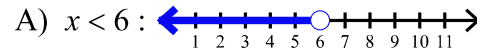
2)  $-22 > n - 18$



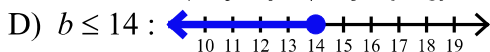
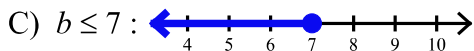
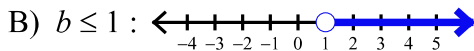
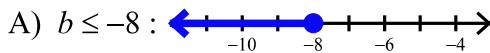
3)  $-14 \leq -9 + \frac{p}{3}$



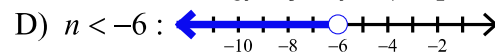
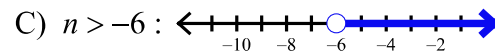
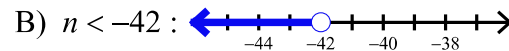
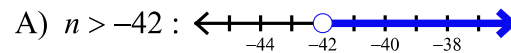
4)  $7 > \frac{8+x}{2}$



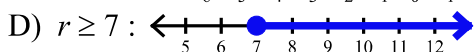
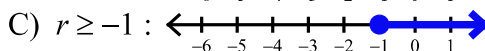
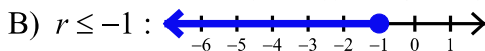
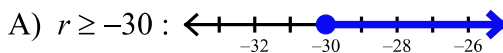
5)  $1 \geq \frac{b+8}{22}$



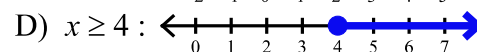
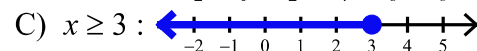
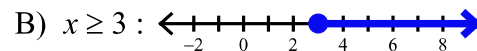
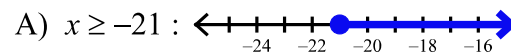
6)  $\frac{-2+n}{2} > -4$



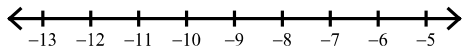
7)  $-16 \geq -2(5-3r)$



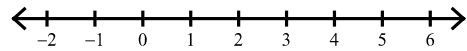
8)  $-5(8-x) \geq -25$



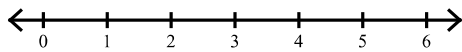
9)  $-112 < 7(a - 6)$



10)  $48 < 8(5 + n)$



11)  $60 < 5 + 5(1 + 5r)$



12. Sam has \$6 to spend. A sundae costs \$3.25 plus \$0.65 per topping. Write and solve an inequality to find how many toppings she can order.

13. A car salesperson is paid a base salary of \$35,000 a year plus 8% of sales. What are the sales need to have an annual income greater than \$42,000?