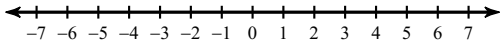


Solving 1-step Inequalities

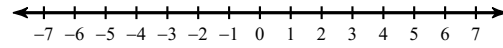
Date _____ Period _____

CLASS EXAMPLE - Draw a graph for each inequality.

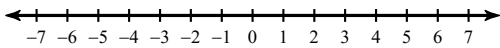
1) $x \geq 2$



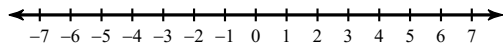
2) $3 > p$

**Draw a graph for each inequality.**

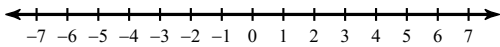
3) $-1 < a$



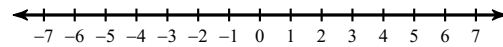
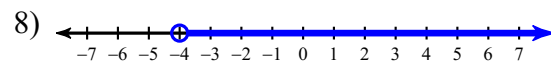
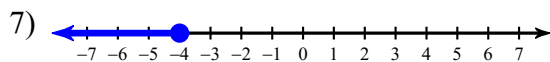
4) $x \geq 6$



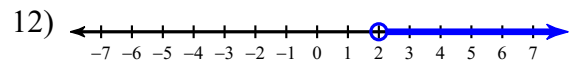
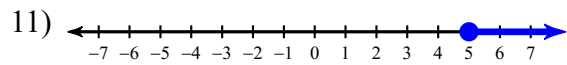
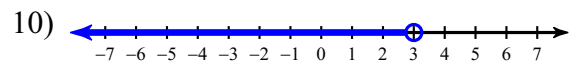
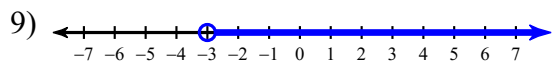
5) $m \geq 0$



6) $x < -1$

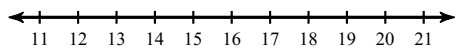
**CLASS EXAMPLES - Write an inequality for each graph.**

Write an inequality for each graph.

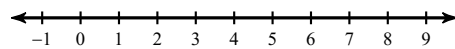


CLASS EXAMPLES - Solve each inequality and graph its solution.

13) $26 \geq 10 + a$

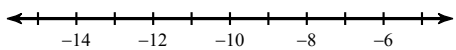


14) $9 + n > 11$

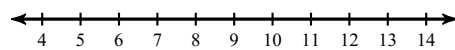


Solve each inequality and graph its solution.

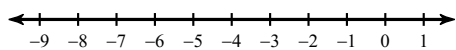
15) $-25 \leq b - 12$



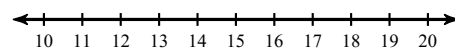
16) $x - (-12) > 23$



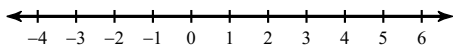
17) $-10 > p + (-5)$



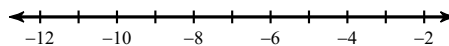
18) $x + (-3) < 11$



19) $-20 \geq n - 20$

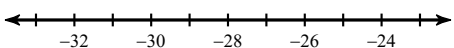


20) $-14 < x - 4$

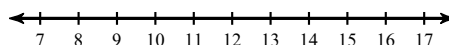


CLASS EXAMPLES - Solve each inequality and graph its solution.

21) $\frac{x}{4} > -7$

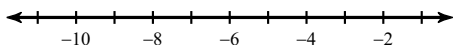


22) $-11k < -99$

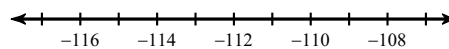


Solve each inequality and graph its solution.

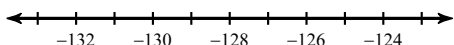
23) $-27 > 9x$



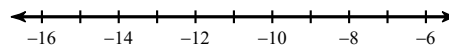
24) $-19 > \frac{a}{6}$



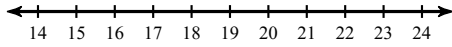
25) $\frac{n}{8} \leq -16$



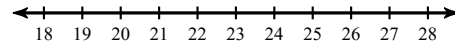
26) $5n \leq -40$



$$27) \frac{16}{13} < \frac{a}{13}$$

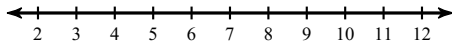


$$28) -7x > -140$$

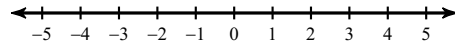


Mixed Review - Solve each inequality and graph its solution.

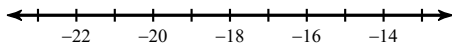
$$29) 9n \geq 45$$



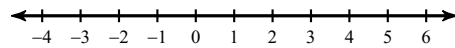
$$30) -2 \leq x + -1$$



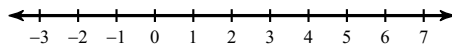
$$31) 323 \geq -19k$$



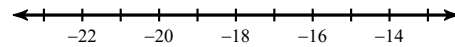
$$32) -2 < -6 + n$$



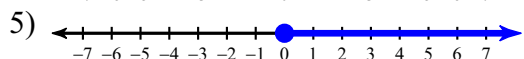
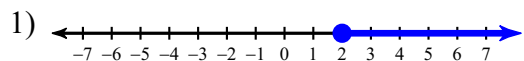
$$33) 18v < 72$$



$$34) -4 \geq x - -14$$

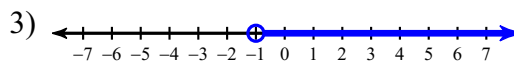
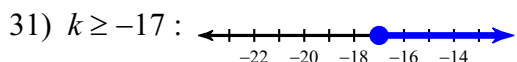
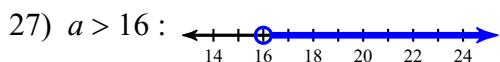
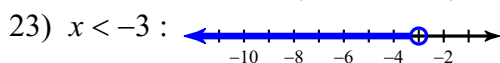
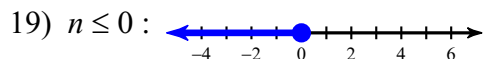
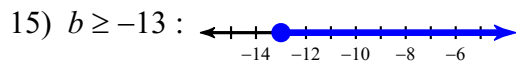
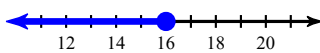


Answers to Solving 1-step Inequalities (ID: 1)



11) $n \geq 5$

13) $a \leq 16$:



7) $x \leq -4$

9) $b > -3$

