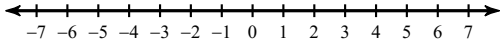
2.3.APK ~ Inequalities

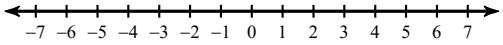
Past due on_____ Period____

Draw a graph for each inequality. Refer to the 2.3 example "Representing Inequalities on a Number Line" in the Chapter 2 Summary.

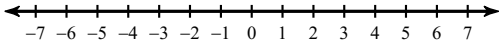
1) $n \geq 1$



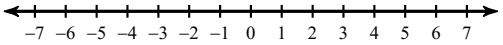
2) $x > -4$



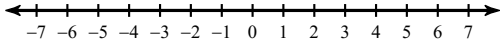
3) $k \leq 6$



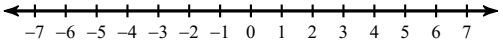
4) $b \leq 2$



5) $r > -3$

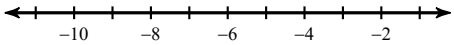


6) $p \leq -4$

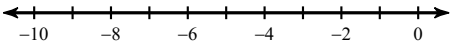


Solve each inequality and graph its solution set. Refer to the 2.3 examples "Writing & Solving Inequalities" and "Representing Inequalities on a Number Line" in the Chapter 2 Summary.

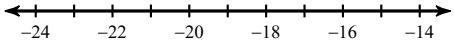
7) $x - 20 \leq -23$



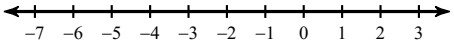
8) $k + 1 \geq -2$



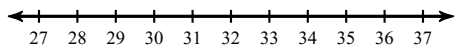
9) $5n \leq -85$



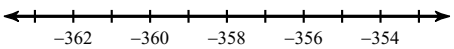
10) $5p < -20$



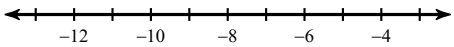
11) $\frac{x}{3} \geq 10$



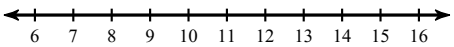
12) $\frac{r}{20} \leq -18$



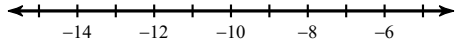
13) $a - 20 \leq -28$



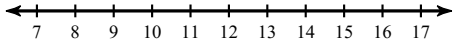
14) $-8 + m < 1$



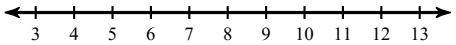
15) $2 + 4m > -46$



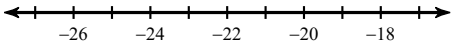
16) $1 + 10n < 151$



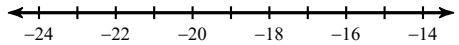
17) $10(x + 1) \leq 70$



18) $5(-6 + n) \geq -125$



19) $-7 + \frac{m}{5} \geq -11$



20) $\frac{7 + n}{2} > -5$