


Name Key

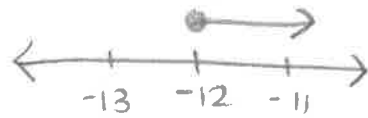
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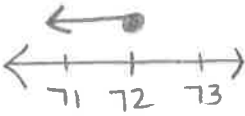
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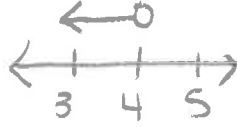
**Day 3 PRACTICE: ML #2 - SOLVING 1 and 2 STEP INEQUALITIES (Math 7- Unit 3)**

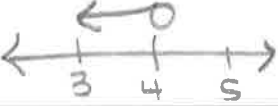
• Solve and graph each inequality.


1) 
$$\begin{array}{r} -16 + x < 24 \\ +16 \quad +16 \\ \hline x < 40 \end{array}$$


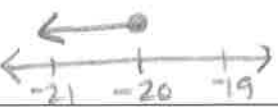
6) 
$$\begin{array}{r} 12w \geq -144 \\ 12 \quad 12 \\ \hline w \geq -12 \end{array}$$



2) 
$$\begin{array}{r} \frac{c}{-4} + 6 \geq -12 \\ -6 \quad -6 \\ \hline -4 \cdot \frac{c}{-4} \geq -18 \cdot -4 \\ c \leq 72 \end{array}$$


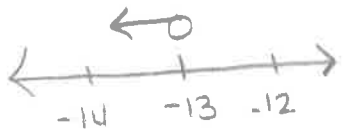
7) 
$$\begin{array}{r} 11x - 17 < 27 \\ +17 \quad +17 \\ \hline 11x < 44 \\ 11 \quad 11 \\ \hline x < 4 \end{array}$$


3) 
$$\begin{array}{r} -6n + 4 > -20 \\ -4 \quad -4 \\ \hline -6n > -24 \\ -6 \quad -6 \\ \hline n < 4 \end{array}$$


8) 
$$\begin{array}{r} -100 \leq -20k \\ -20 \quad -20 \\ \hline 5 \leq k \\ k \geq 5 \end{array}$$


4) 
$$\begin{array}{r} \frac{c}{5} - 4 \leq -8 \\ +4 \quad +4 \\ \hline 5 \cdot \frac{c}{5} \leq -4 \cdot 5 \\ c \leq -20 \end{array}$$


9) 
$$\begin{array}{r} -2(6 + 1) < -7k \\ -2(7) < -7k \\ -14 < -7k \\ -7 \quad -7 \\ \hline 2 < k \quad k > 2 \end{array}$$


5) 
$$\begin{array}{r} -20 + > 6 + 2n \\ -6 \quad -6 \\ \hline -26 > 2n \\ 2 \quad 2 \\ \hline -13 > n \\ n < -13 \end{array}$$


10) 
$$\begin{array}{r} -3(n + 2) \geq -9 \\ -3n + 6 \geq -9 \\ -6 \quad -6 \\ \hline -3n \geq -15 \\ -3 \quad -3 \\ \hline n \leq 5 \end{array}$$
