

Name:

ANSWERS!

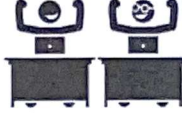
Class:



Communication



Successful Partnership



Encouragement



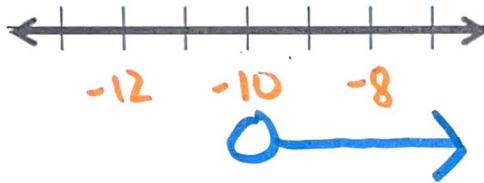
Solving Problem Together



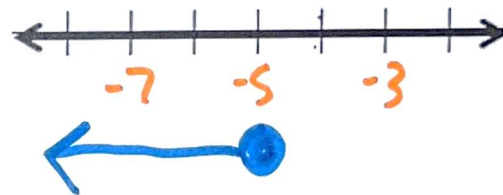
Collaboration

Solve and graph each of the below!

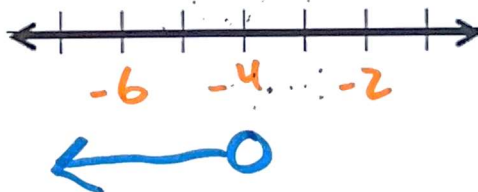
$$\begin{aligned} \text{a) } -2a - 1 &< 19 \\ +1 \quad +1 & \\ -2a &< 20 \\ a &> -10 \end{aligned}$$



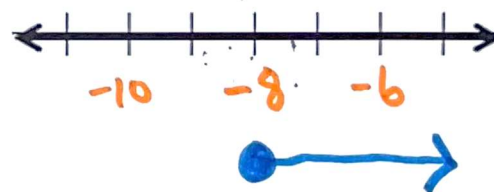
$$\begin{aligned} \text{c) } -3c - 8 &\geq 7 \\ +8 \quad +8 & \\ -3c &\geq 15 \\ c &\leq -5 \end{aligned}$$



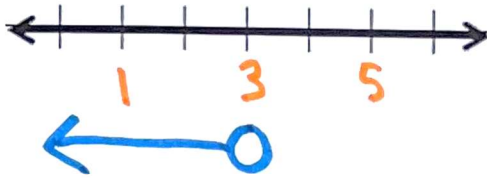
$$\begin{aligned} \text{b) } -3b - 7 &> 5 \\ +7 \quad +7 & \\ -3b &> 12 \\ b &< -4 \end{aligned}$$



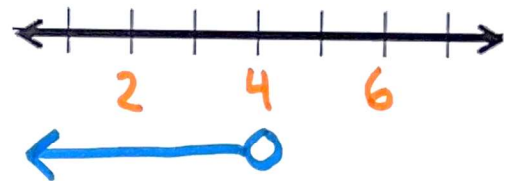
$$\begin{aligned} \text{d) } -2d - 4 &\leq 12 \\ +4 \quad +4 & \\ -2d &\leq 16 \\ d &\geq -8 \end{aligned}$$



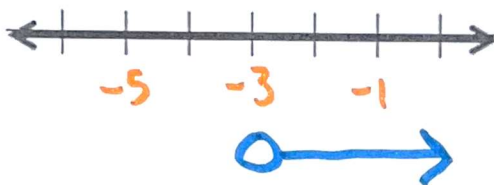
$$\begin{aligned}
 \text{e)} \quad & -5e - 2 > -17 \\
 & +2 \quad +2 \\
 & -5e > -15 \\
 & e < 3
 \end{aligned}$$



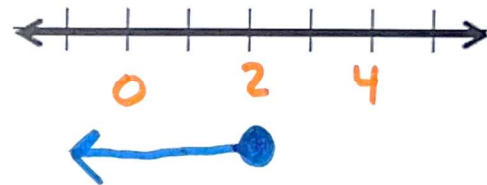
$$\begin{aligned}
 \text{h)} \quad & -2h - 5 > -13 \\
 & +5 \quad +5 \\
 & -2h > -8 \\
 & h < 4
 \end{aligned}$$



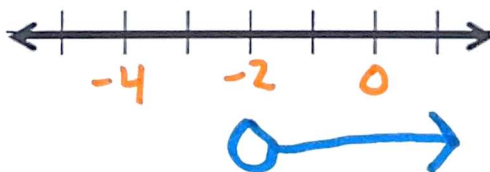
$$\begin{aligned}
 \text{f)} \quad & -4f - 10 < 2 \\
 & +10 \quad +10 \\
 & -4f < 12 \\
 & f > -3
 \end{aligned}$$



$$\begin{aligned}
 \text{i)} \quad & -5i - 7 \geq -17 \\
 & +7 \quad +7 \\
 & -5i \geq -10 \\
 & i \leq 2
 \end{aligned}$$



$$\begin{aligned}
 \text{g)} \quad & -3g - 8 < -2 \\
 & +8 \quad +8 \\
 & -3g < 6 \\
 & g > -2
 \end{aligned}$$



$$\begin{aligned}
 \text{j)} \quad & -3j + 10 \leq -17 \\
 & -10 \quad -10 \\
 & -3j \leq -27 \\
 & j \geq 9
 \end{aligned}$$

