

⑧  $|x+8| < 16$

$$-16 < x+8 < 16$$

$$\begin{array}{ccc|ccc} -8 & & -8 & & -8 & \\ \hline & & & & & \end{array}$$

$$-24 < x < 8$$



⑨  $|r+1| \leq 2$

$$-2 \leq r+1 \leq 2$$

$$\begin{array}{ccc|ccc} -1 & & -1 & & -1 & \\ \hline & & & & & \end{array}$$

$$-3 \leq r \leq 1$$



⑩  $|2c-1| \leq 7$

$$-7 \leq 2c-1 \leq 7$$

$$\begin{array}{ccc|ccc} +1 & & +1 & & +1 & \\ \hline & & & & & \end{array}$$

$$\begin{array}{ccc|ccc} -6 & & 2c & & 8 & \\ \hline & & & & & \end{array}$$

$$\begin{array}{ccc|ccc} -3 & & c & & 4 & \\ \hline & & & & & \end{array}$$



⑭  $|r+2| > 6$

$$r+2 > 6$$

$$r+2 < -6$$

$$\begin{array}{ccc|ccc} -2 & & -2 & & & \\ \hline & & & & & \end{array}$$

$$\begin{array}{ccc|ccc} -2 & & -2 & & & \\ \hline & & & & & \end{array}$$

$$r > 4$$

$$r < -8$$



⑮  $|k-4| > 3$

$$k-4 > 3$$

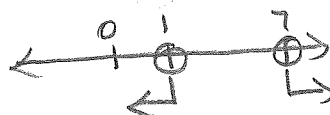
$$k-4 < -3$$

$$\begin{array}{ccc|ccc} +4 & & +4 & & & \\ \hline & & & & & \end{array}$$

$$\begin{array}{ccc|ccc} +4 & & +4 & & & \\ \hline & & & & & \end{array}$$

$$k > 7$$

$$k < 1$$



⑯  $|2h-3| \geq 9$

$$2h-3 \geq 9$$

$$2h-3 \leq -9$$

$$\begin{array}{ccc|ccc} +3 & & +3 & & & \\ \hline & & & & & \end{array}$$

$$\begin{array}{ccc|ccc} +3 & & +3 & & & \\ \hline & & & & & \end{array}$$

$$2h \geq 12$$

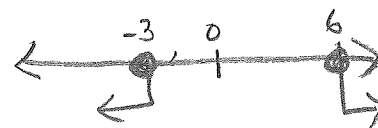
$$2h \leq -6$$

$$\begin{array}{ccc|ccc} & & & & & \\ \hline & & & & & \end{array}$$

$$\begin{array}{ccc|ccc} & & & & & \\ \hline & & & & & \end{array}$$

$$h \geq 6$$

$$h \leq -3$$



⑳  $|\frac{3h+1}{2}| < 8$

$$-8 < \frac{3h+1}{2} < 8$$

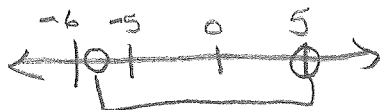
$$\begin{array}{ccc|ccc} -16 & & 3h+1 & & 16 & \\ \hline & & & & & \end{array}$$

$$\begin{array}{ccc|ccc} -1 & & -1 & & -1 & \\ \hline & & & & & \end{array}$$

$$\begin{array}{ccc|ccc} -17 & & 3h & & 15 & \\ \hline & & & & & \end{array}$$

$$\begin{array}{ccc|ccc} -5\frac{2}{3} & & h & & 5 & \\ \hline & & & & & \end{array}$$

$$-5\frac{2}{3} < h < 5$$



㉑  $|\frac{2p-8}{4}| \geq 9$

$$\frac{2p-8}{4} \geq 9$$

$$\frac{2p-8}{4} \leq -9$$

$$2p-8 \geq 36$$

$$2p-8 \leq -36$$

$$\begin{array}{ccc|ccc} +8 & & +8 & & & \\ \hline & & & & & \end{array}$$

$$\begin{array}{ccc|ccc} +8 & & +8 & & & \\ \hline & & & & & \end{array}$$

$$2p \geq 44$$

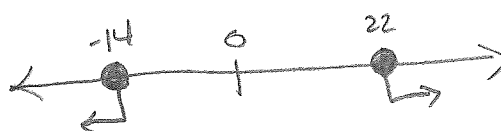
$$2p \leq -28$$

$$\begin{array}{ccc|ccc} & & & & & \\ \hline & & & & & \end{array}$$

$$\begin{array}{ccc|ccc} & & & & & \\ \hline & & & & & \end{array}$$

$$p \geq 22$$

$$p \leq -14$$



$$(25) \quad \left| \frac{7c+3}{2} \right| \leq -5$$

No Solution

Null Set

$\emptyset$

$$(26) \quad \left| \frac{2g+3}{2} \right| > -7$$

No Solution

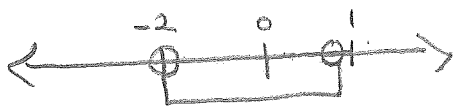
Null Set

$\emptyset$

$$(27) \quad |-6r-4| < 8$$

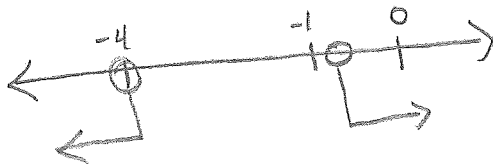
$$\begin{array}{r|c|c|c} -8 & & & 8 \\ +4 & & +4 & +4 \\ \hline -4 & & -6r & & 12 \\ -6 & & -6 & & -6 \end{array}$$

$$\frac{2}{3} > r > -2$$



$$(28) \quad |-3p-7| > 5$$

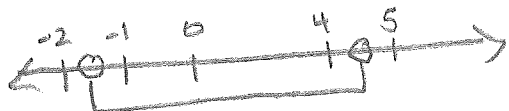
$$\begin{array}{r|c|c} -3p-7 > 5 & & -3p-7 < -5 \\ +7 & +7 & +7 & +7 \\ \hline -3p > 12 & & -3p < 2 \\ -3 & -3 & -3 & -3 \\ \hline p < -4 & & p > -\frac{2}{3} \end{array}$$



$$(29) \quad |-h+1.5| < 3$$

$$\begin{array}{r|c|c|c} -3 & & & 3 \\ -1.5 & & -1.5 & -1.5 \\ \hline -4.5 & & -h & & 1.5 \\ -1 & & -1 & & -1 \end{array}$$

$$4.5 > h > -1.5$$



$$(32) \quad -2 < x < 2$$

$$(33) \quad -5 \leq x \leq 3$$

$$(34) \quad x \leq -3 \text{ or } x \geq 1$$

$$(35) \quad x < 1 \text{ or } x > 10$$