

Task:

1c. $\frac{3x+2}{5} \leq x - 1$

2a. $|2y + 5| > 1$

Solution:

1c. $\frac{3x+2}{5} \leq x - 1$

$$\frac{3x + 2}{5} \leq x - 1$$

$$\frac{3x + 2}{5} - x + 1 \leq 0$$

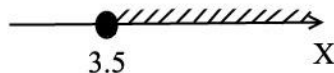
$$\frac{3x + 2 - 5x + 5}{5} \leq 0$$

$$\frac{-2x + 7}{5} \leq 0$$

$$7 - 2x \leq 0$$

$$x \geq \frac{7}{2}$$

$$x \in \left[\frac{7}{2}, +\infty \right)$$



Answer: $x \in [3.5, +\infty)$

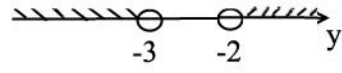
2a. $|2y + 5| > 1$

$$\begin{cases} 2y + 5 > 1 \\ 2y + 5 < -1 \end{cases}$$

$$\begin{cases} 2y > -4 \\ 2y < -6 \end{cases}$$

$$\begin{cases} y > -2 \\ y < -3 \end{cases}$$

$$y \in (-\infty, -3) \cup (-2, +\infty)$$



Answer: $y \in (-\infty, -3) \cup (-2, +\infty)$