

You had 8 problems to complete yesterday, if they are not finished, you need to finish them now

White Board Activity

You need:

- **White board**
- **Marker**
- **Eraser**
- **Calculator**



$$2x - 5 < 1$$

~~+5~~ ~~+5~~

$$\frac{2x}{2} < \frac{6}{2}$$

(x < 3)

$$5 \geq 3x - 4$$

$+4$ $+4$

$$\frac{9}{3} \geq \frac{3x}{3}$$
$$3 \geq x$$
$$x \leq 3$$

$$\begin{array}{r} \cancel{-7} - 4x \leq 17 \\ \cancel{+7} \qquad \qquad \qquad \underline{+7} \\ \hline -4x \leq 24 \\ \underline{-4} \qquad \qquad \underline{-4} \\ x \geq -6 \end{array}$$

$$x \times 1 > \frac{2-x}{4 \cancel{x^4}}$$

$$\frac{4}{-2} > \frac{2-x}{-2}$$

$$\frac{2}{-1} > \frac{-1x}{-1} \quad (x > -2)$$

$$\frac{-6x}{-6} < \frac{-36}{-6}$$

$$x > 6$$

$$\begin{aligned} & \cancel{4} - \frac{x}{3} \leq 1 \\ & \frac{x}{3} \leq \cancel{-4} \\ & \frac{x}{3} \leq -3 \cdot 3 \\ & \cancel{-x} \leq \cancel{-9} \\ & \boxed{x \geq 9} \end{aligned}$$

$$\begin{aligned} 17 &\geq -3 - 10x \\ 3 & \quad \quad \quad \beta \\ \hline 20 &\geq -10x \\ -10 &\leq -10 \\ \hline -2 &\leq x \\ x &\geq -2 \end{aligned}$$

$$\begin{array}{r} 2x > 6x + 12 \\ -6x \quad +6x \\ \hline -4x > 12 \\ \hline -4 \quad \quad -4 \\ \hline x < -3 \end{array}$$

Quiz Today

You need:

- Calculator
- Pencil