

Nov. 22

37. $4x + 2 < 3x + 5$

$$x + 2 < 5 - 2$$

$$x < 3$$

40. $5y + 7 \leq 4y - 2$

$$y + 7 \leq -2$$

$$y \leq -9$$

45.

$$\begin{aligned}
 4(x-3) &> 3x+1 \\
 4x-12 &> 3x+1 \\
 x-12 &> 1 \\
 x &> 13
 \end{aligned}$$

50.

$$\begin{aligned}
 3m+14 &< 2(m+6) \\
 3m+14 &< 2m+12 \\
 m+14 &< 12 \\
 m &< -2
 \end{aligned}$$

53. $2(5 - 3b) \geq -7b + 2$

$$\begin{aligned} 10 - 6b &\geq -7b + 2 \\ 10 + 1b &\geq 2 - 10 \\ 1b &\geq -8 \end{aligned}$$

63. Solve and Graph

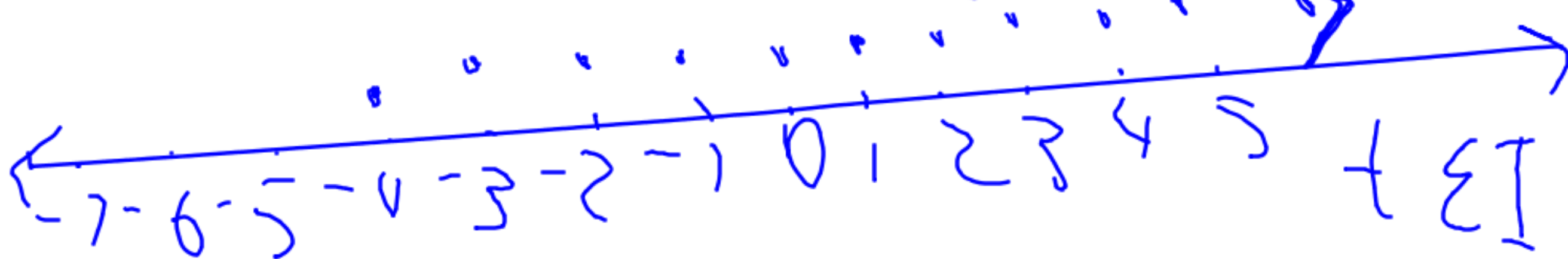
$$6t - 5 \leq 8t + 3$$

$$-2t - 5 \leq 3 + 5$$

$$-2t \leq 8$$

$$\frac{-2t}{-2} \geq \frac{8}{-2}$$

$$t \geq -4$$



78.

⁻¹⁰

$$x + 10 < 100 - 10$$

$$x < 90$$

$\therefore$ Her highest mark

Can be 89.

Homework: finish inequations

finish package 13-20

test next Wed. Nov. 28