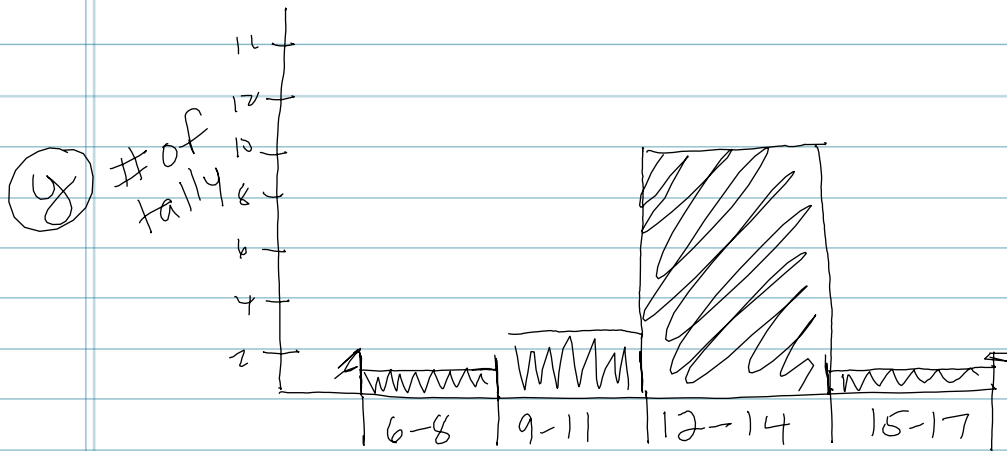


4/7

	6-8	9-11	12-14	15-17
tally				
Freq	1	3	10	1

histogram



(X)

categories
ages

Set E Stem/Leaf

stem	leaves	(homeroom size)
3	2 7 8	
4	1 1 6	

32
37
38
41
41
46

range = 14
 median = 40
 mode = 41
 mean =

- A) 6
- B) 2
- C) 8

~~77, 83, 81, 72, 94, 90, 81, 96~~
~~74, 86, 75, 80, 95, 87, 68, 89~~

stem	leaves
6	8
7	2 4 5 7
8	0 1 3 7 7 8 9
9	0 4 5 6

68
72
74
75
77
80
81
83
87
87
88
89
90
94
95
96

pp. TN 36-37

pp. TN 38-39

① $\frac{x}{3} - 7 = 4$
 $\frac{x}{3} - 7 + 7 = 4 + 7$
 $\frac{x}{3} = 11$
 $\frac{x}{3} \cdot 3 = 11 \cdot 3$
 $x = 33$

multi-step

⊗ Undo operations

+ -
- +
÷ ×
× ÷

⊗ Reverse order of operations

$$\begin{aligned} 8) \quad & 1 = 2x - 7 \\ & 5 + 7 = 2x - 7 + 7 \\ & \frac{16}{2} = \frac{2x}{2} \end{aligned}$$

$$\boxed{8 = x}$$

check \rightarrow

$$\begin{aligned} 9 &= 8(2) - 7 \\ 9 &= 16 - 7 \end{aligned}$$

$$\begin{aligned} 9) \quad & \frac{x}{5} - 5 = 3 \\ & \frac{x}{5} - 5 + 5 = 3 + 5 \\ & \frac{x}{5} = 8 \end{aligned}$$

$$\frac{x}{5} \cdot 5 = 8 \cdot 5$$

$$\boxed{x = 40}$$

check

$$\begin{aligned} \frac{40}{5} - 5 &= 3 \\ 8 - 5 &= 3 \end{aligned}$$

$$\begin{aligned} 10) \quad & 5x + 3 = 33 \\ & 5x + 3 - 3 = 33 - 3 \\ & \underline{5x = 30} \\ & 5x \div 5 = 30 \div 5 \\ & x = 6 \end{aligned}$$

$$\begin{aligned} 14) \quad & 22 = 8x - 10 + 10 \\ & \underline{+10} \\ & 32 = \frac{8x}{8} \\ & \frac{32}{8} = \frac{8x}{8} \\ & x = 4 \end{aligned}$$

$$\begin{aligned} \cancel{32} &= 8 \times 4 \\ 22 &= 8(4) - 10 \\ 22 &= 32 - 10 \end{aligned}$$

$$\begin{aligned} 17) \quad & \frac{x}{9} + 4 = 11 \\ & \frac{x}{9} - 4 = 11 - 4 \\ & \frac{x}{9} = 7 \\ & \cancel{x} \cdot 9 = 7 \cdot 9 \\ & x = 63 \end{aligned}$$

$$\frac{7}{9} \overline{)63}$$

$$\frac{63}{9} = 7 + 4 = 11$$

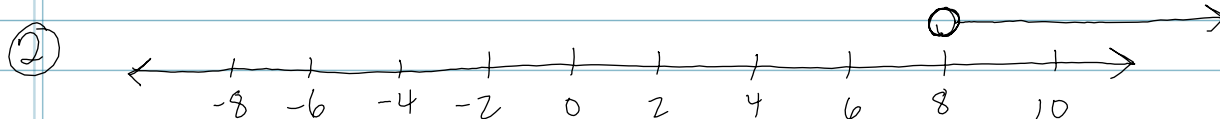
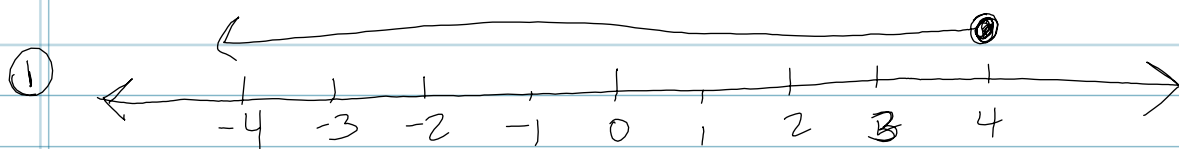
$$\begin{aligned} \textcircled{19} \quad 50 &= 4x - 50 \\ 50 + 50 &= 4x - 50 + 50 \\ 100 &= 4x \\ 100 \div 4 &= 4x \div 4 \\ 25 &= x \end{aligned}$$

read left to right

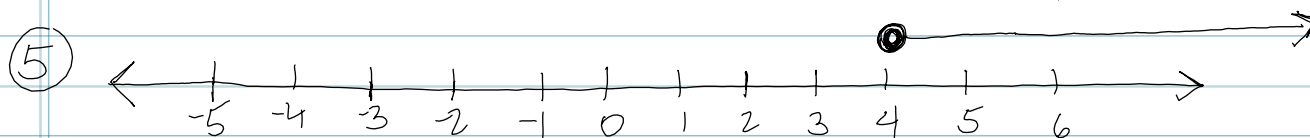
$$t > 8$$

$$t < 8$$

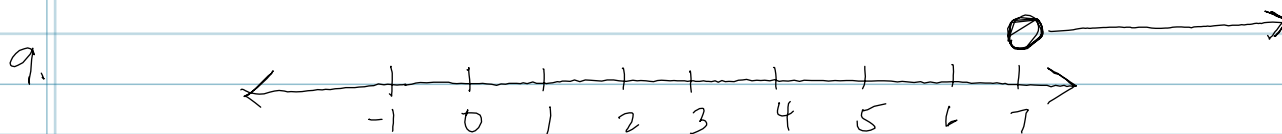
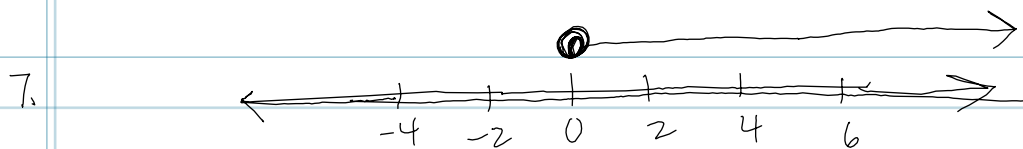
TN pp. 38-39



④ open circle means $>$ $<$ (with line)
closed circle means \geq \leq (with line)

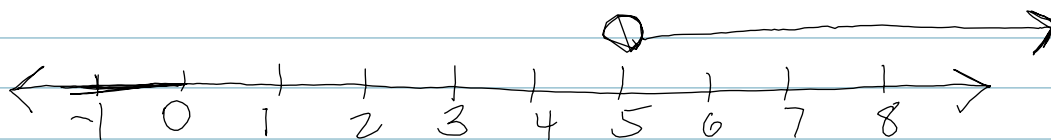


at least 4 hours



$7 < y$ ↗
 $y < 7$ (not the same) ←

10. $t > 5$



12. $x \leq 10$

$10 \geq t$

13. ~~$x < 8$~~

$8 > x$

14. $y \geq 1$ ✓

$1 > y$ (not the same)

$1 < y$ ✓

15. $x \geq 35$

$35 \leq x$

→ Complete #16-23
turn in HW to basket

→ Report Card (green sheet)