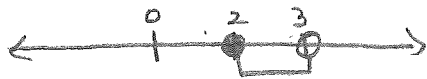


(12) $5h - 4 \geq 6$ and $7h + 11 < 32$

+4	+4
$5h$	≥ 10
$\frac{5h}{5}$	$\frac{\geq 10}{5}$
h	≥ 2

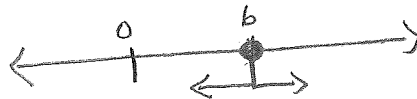
-11	-11
$7h$	< 21
$\frac{7h}{7}$	$\frac{< 21}{7}$
h	< 3



(13) $22 \geq 4m - 2$ or $5 - 3m \leq -13$

+2	+2
24	$\geq 4m$
$\frac{24}{4}$	$\frac{\geq 4m}{4}$
6	$\geq m$

-5	-5
$-3m$	≤ -18
$\frac{-3m}{-3}$	$\frac{\leq -18}{-3}$
m	≥ 6



(14) $-4a + 13 \geq 29$ and $10 < 6a - 14$

-13	-13
$-4a$	≥ 16
$\frac{-4a}{-4}$	$\frac{\geq 16}{-4}$
a	≤ -4

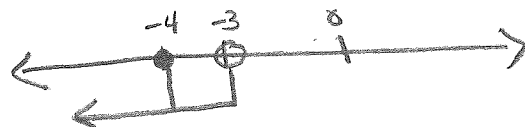
+14	+14
24	$< 6a$
$\frac{24}{6}$	$\frac{< 6a}{6}$
4	$< a$



(15) $-y + 5 \geq 9$ or $3y + 4 < -5$

-5	-5
$-y$	≥ 4
$\frac{-y}{-1}$	$\frac{\geq 4}{-1}$
y	≤ -4

-4	-4
$3y$	< -9
$\frac{3y}{3}$	$\frac{< -9}{3}$
y	< -3



(17) $x + x + 2 \geq 8$ and $x + x + 2 < 24$

-2	-2
$2x$	≥ 6
$\frac{2x}{2}$	$\frac{\geq 6}{2}$
x	≥ 3

-2	-2
$2x$	< 12
$\frac{2x}{2}$	$\frac{< 12}{2}$
x	< 6

3, 5, 7, 9, 11

(18) $x \geq -1$ and $x \leq 4$

or

$-1 \leq x \leq 4$

(19) $x > -3$ and $x \leq 2$

or

$-3 < x \leq 2$

(20) $x < 0$ or $x \geq 3$ (21) $x < -4$ or $x > -3$

(22) $x \leq 3$ or $x \geq 6$ (23) $x \leq -3$ or $x > 0$

24) $3b + 2 < 5b - 6 \leq 2b + 9$

$$3b + 2 < 5b - 6 \quad \text{and} \quad 5b - 6 \leq 2b + 9$$

$-3b$	$-3b$
2	$2b - 6$
$+6$	$+6$
$\frac{8}{2}$	$\frac{2b}{2}$
4	b

$+6$	$+6$
$5b$	$2b + 15$
$-2b$	$-2b$
$\frac{3b}{3}$	$\frac{15}{3}$
b	5

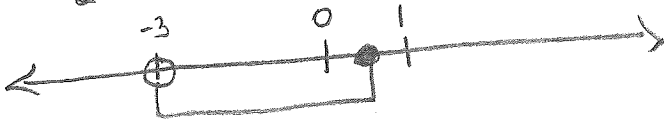


25) $-2a + 3 \geq 6a - 1 > 3a - 10$

$$-2a + 3 \geq 6a - 1 \quad \text{and} \quad 6a - 1 > 3a - 10$$

$+2a$	$+2a$
3	$8a - 1$
$+1$	$+1$
$\frac{4}{8}$	$\frac{8a}{8}$
$\frac{1}{2}$	a

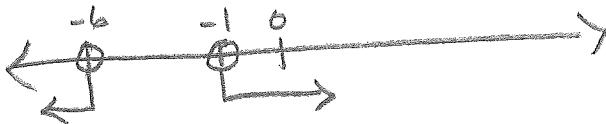
$-3a$	$-3a$
$3a - 1$	-10
$+1$	$+1$
$\frac{3a}{3}$	$\frac{-9}{3}$
a	-3



26) $10m - 7 < 17m$ or $\frac{-6m}{-6} > \frac{36}{-6}$

$-10m$	$-10m$
-7	$7m$
$\frac{-7}{7}$	$\frac{7m}{7}$
-1	m

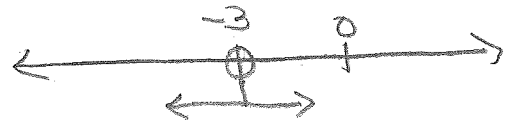
-6	-6
m	-6



27) $5n - 1 < -16$ or $-3n - 1 < 8$

$+1$	$+1$
$5n$	-15
$\frac{5n}{5}$	$\frac{-15}{5}$
n	-3

$+1$	$+1$
$-3n$	9
$\frac{-3n}{-3}$	$\frac{9}{-3}$
n	-3



$$\textcircled{29} \quad \begin{array}{r} x-8 \leq 14 \\ +8 \quad +8 \\ \hline x \leq 22 \end{array} \quad \text{and} \quad \begin{array}{r} x-8 \geq 5 \\ +8 \quad +8 \\ \hline x \geq 13 \end{array}$$

$$\textcircled{30} \quad \begin{array}{r} -8 < 3x+4 < 10 \\ -4 \quad \quad -4 \quad \quad -4 \\ \hline -12 < 3x < 6 \\ \frac{-12}{3} < \frac{3x}{3} < \frac{6}{3} \\ \hline -4 < x < 2 \end{array}$$

$$\textcircled{31} \quad \begin{array}{r} -5x > 35 \\ -5 \quad -5 \\ \hline x < -7 \end{array} \quad \text{or} \quad \begin{array}{r} -5x < 10 \\ -5 \quad -5 \\ \hline x > -2 \end{array}$$

$$\textcircled{32} \quad \begin{array}{r} \frac{1}{2}x > 0 \\ \hline x > 0 \end{array} \quad \text{and} \quad \begin{array}{r} \frac{1}{2}x \leq 1 \\ \hline x \leq 2 \end{array}$$

$$\textcircled{33} \quad x < 75 \quad \text{or} \quad x > 90$$