

注意: ステージに直接書き込まないでください。
Note: Do not write directly on this stage.

Name: _____ Key _____ Period: _____

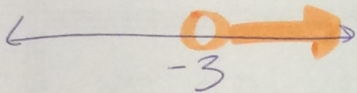
Assignment: Review 3.1-3.4

Digits work earns you credit, not just answers.

1)

$$\frac{-8w}{-8} < \frac{24}{-8}$$

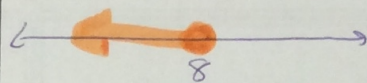
$$w > -3$$



2)

$$\frac{q+p}{-9} \leq \frac{17}{-9}$$

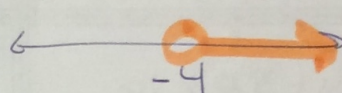
$$p \leq 8$$



3)

$$\frac{4}{-1} \left(\frac{r}{4} \right) > \frac{-1}{1} \left(\frac{4}{1} \right)$$

$$r > -4$$

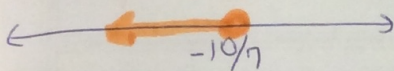


4)

$$\frac{7y+2}{-7} \leq \frac{-8}{-7}$$

$$y \leq -\frac{10}{7}$$

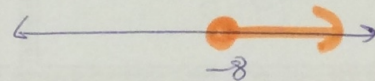
$$y \leq -\frac{10}{7}$$



5)

$$\frac{t-5}{15} \geq \frac{-13}{15}$$

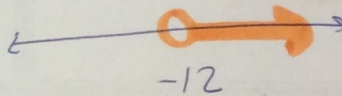
$$t \geq -8$$



6)

$$\frac{9h}{9} > \frac{-108}{9}$$

$$h > -12$$

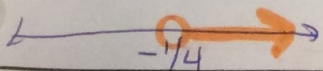


7)

$$\frac{8w+7}{-7} > \frac{5}{-7}$$

$$\frac{8w}{8} > \frac{-2}{8}$$

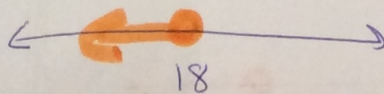
$$w > -\frac{1}{4}$$



8)

$$\frac{6}{1} \left(\frac{s}{6} \right) \leq \frac{3}{1} \left(\frac{6}{1} \right)$$

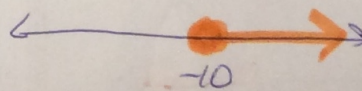
$$s \leq 18$$



9)

$$\frac{5}{6} \left(\frac{6c}{5} \right) \geq \frac{-12}{1} \left(\frac{5}{6} \right)$$

$$c \geq -10$$



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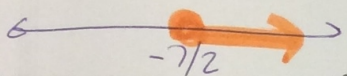
Note: Do not write directly on this stage.

10)

$$\begin{array}{r} -8l + 3.7 \leq 31.7 \\ -3.7 \quad -3.7 \end{array}$$

$$\begin{array}{r} -8l \leq 28 \\ -8 \quad -8 \end{array}$$

$$l \geq -7/2$$

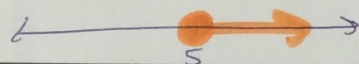


11)

$$\begin{array}{r} q - t \leq 4 \\ -9 \quad -9 \end{array}$$

$$\begin{array}{r} -t \leq -5 \\ -1 \quad -1 \end{array}$$

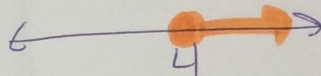
$$t \geq 5$$



12)

$$\begin{array}{r} m + 4 \geq 8 \\ -4 \quad -4 \end{array}$$

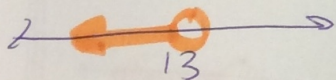
$$m \geq 4$$



13)

$$\begin{array}{r} y + 3 < 16 \\ -3 \quad -3 \end{array}$$

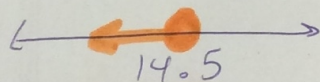
$$y < 13$$



14)

$$\begin{array}{r} n - 6 \leq 8.5 \\ +6 \quad +6 \end{array}$$

$$n \leq 14.5$$

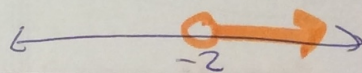


15)

$$\begin{array}{r} 12b - 5 > -29 \\ +5 \quad +5 \end{array}$$

$$\begin{array}{r} 12b > -24 \\ 12 \quad 12 \end{array}$$

$$b > -2$$



16)

$$\begin{array}{r} 4 - a > 15 \\ -4 \quad -4 \end{array}$$

$$\begin{array}{r} -a > 11 \\ -1 \quad -1 \end{array}$$

$$a > -11$$

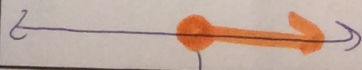


17)

$$\begin{array}{r} 4 - x \leq 3 \\ -4 \quad -4 \end{array}$$

$$\begin{array}{r} -x \leq -1 \\ -1 \quad -1 \end{array}$$

$$x \geq 1$$



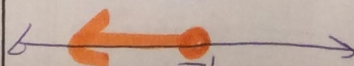
18)

$$\begin{array}{r} 1 - 4d \geq 4 - d \\ +4d \quad +4d \end{array}$$

$$\begin{array}{r} 1 \geq 4 + 3d \\ -4 \quad -4 \end{array}$$

$$\begin{array}{r} -3 \geq 3d \\ 3 \quad 3 \end{array}$$

$$d \leq -1$$



Name: _____

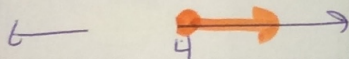
Period: _____

Assignment: Key

Digits work earns you credit, not just answers.

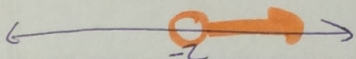
19)

$$\begin{aligned} n+7 &\leq 3n-1 \\ -n &\quad -n \\ \hline 7 &\leq 2n-1 \\ +1 &\quad +1 \\ \hline n &\geq 4 \end{aligned}$$



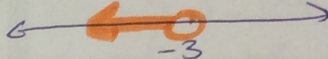
20) $\left(\frac{s}{2} + 1 < s + 2\right) \times 2$

$$\begin{aligned} s+2 &< 2s+4 \\ -s &\quad -s \\ \hline 2 &< s+4 \\ -4 &\quad -4 \\ \hline s &> -2 \end{aligned}$$



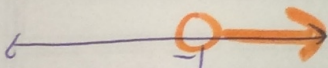
21) $3\left(3 - \frac{2x}{3} > 5\right)$

$$\begin{aligned} 9 - 2x &> 15 \\ -9 &\quad -9 \\ \hline -2x &> 6 \\ -2 &\quad -2 \\ \hline x &< -3 \end{aligned}$$



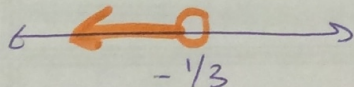
22) $\left(8r - \frac{r}{6} > \frac{1}{6} - 8\right) \times 6$

$$\begin{aligned} 48r - r &> 1 - 48 \\ \frac{47r}{47} &> \frac{-47}{47} \\ r &> -1 \end{aligned}$$



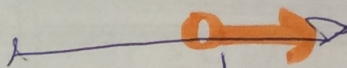
23)

$$\begin{aligned} 1.4 + 2.4x &< 0.6 \\ -1.4 &\quad -1.4 \\ \hline 2.4x &< -0.8 \\ \frac{2.4x}{2.4} &\quad \frac{-0.8}{2.4} \\ x &< -\frac{1}{3} \end{aligned}$$



24)

$$\begin{aligned} x-2 &< 3x-4 \\ -x &\quad -x \\ \hline -2 &< 2x-4 \\ +4 &\quad +4 \\ \hline 2 &< 2x \\ \frac{2}{2} &\quad \frac{2x}{2} \\ x &> 1 \end{aligned}$$



7)

$$\frac{18x}{18} \leq \frac{102}{18}$$

$$x \leq 5.\bar{6}$$

5 soccer balls

8)

$$\frac{7.50h}{7.5} \geq \frac{35}{7.5}$$

$$h \geq 4.\bar{6}$$

At least 4 hrs 40 min
SD \approx 5 hrs

9)