

組 番 氏名

I. 次の不等式を解きなさい。また、解の範囲を数直線上に図示しなさい。

①  $4x > 12$

⑤  $3x \leq -21$

⑨  $-2x > 7$

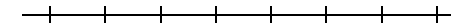
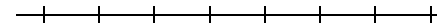
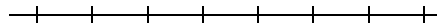
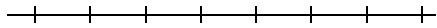
⑬  $-7x < -21$

答. \_\_\_\_\_

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②  $3x > 15$

⑥  $-4x > 12$

⑩  $4x < -12$

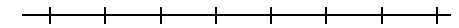
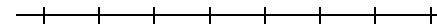
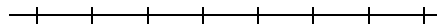
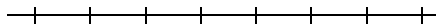
⑭  $-6x > -6$

答. \_\_\_\_\_

答. \_\_\_\_\_

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③  $5x < -20$

⑦  $-4x < -12$

⑪  $-12x \geq -4$

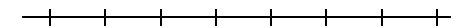
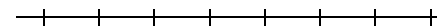
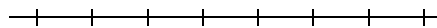
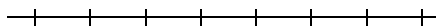
⑮  $5x \leq -5$

答. \_\_\_\_\_

答. \_\_\_\_\_

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答. \_\_\_\_\_



④  $4x \geq 16$

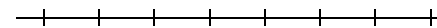
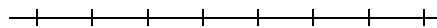
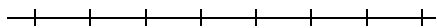
⑧  $12x \leq 4$

⑫  $-2x < 18$

答. \_\_\_\_\_

答. \_\_\_\_\_

答. \_\_\_\_\_



組 番 氏名

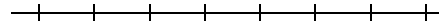
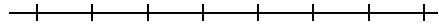
I. 次の不等式を解きなさい。また、解の範囲を数直線上に図示しなさい。

①  $4x > 2x - 12$

⑤  $3x \leq -21 + 6x$

答. \_\_\_\_\_

答. \_\_\_\_\_

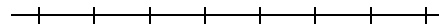
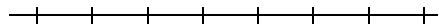


②  $3x - 9 > 15$

⑥  $4x + 10 > 2$

答. \_\_\_\_\_

答. \_\_\_\_\_

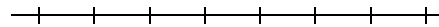
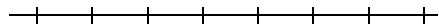


③  $5x < -7x - 24$

⑦  $-4x < 5x - 1$

答. \_\_\_\_\_

答. \_\_\_\_\_

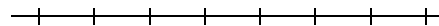
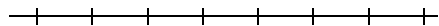


④  $3x \geq 16 - 5x$

⑧  $2x \leq 3x - 4$

答. \_\_\_\_\_

答. \_\_\_\_\_

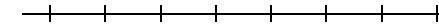
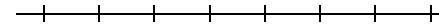


⑨  $-2x > 7 - 3x$

⑬  $1 - 7x < -20$

答. \_\_\_\_\_

答. \_\_\_\_\_

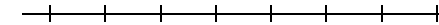
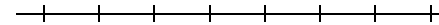


⑩  $2x < 3 + x$

⑭  $x - 6 > -6$

答. \_\_\_\_\_

答. \_\_\_\_\_

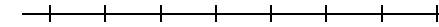
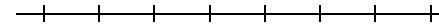


⑪  $2x - 8 \geq -14$

⑮  $-x \leq x - 5$

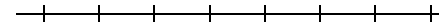
答. \_\_\_\_\_

答. \_\_\_\_\_



⑫  $-2x < x - 18$

答. \_\_\_\_\_



組 番 氏名 \_\_\_\_\_

I. 次の不等式を解きなさい。

①  $4x - 10 > 2x - 12$

答. \_\_\_\_\_

④  $3x - 2x \geq 18 - 5x$

答. \_\_\_\_\_

⑦  $-4x - 10 < 5x - 1$

答. \_\_\_\_\_

⑩  $-2x - 15 < 3 + x$

答. \_\_\_\_\_

②  $3x - 9 > 6x - 15$

⑤  $4 - 3x \leq -23 + 6x$

⑧  $-2x - 4 \leq 3x - 4$

⑪  $5x - 2 > x + 6$

③  $10 - 5x < -7x - 20$

⑥  $4x + 10 > 2 + 3x$

⑨  $-2x + 6 > 7 - 3x$

⑫  $2x - 4 > 3x + 2$

答. \_\_\_\_\_

答. \_\_\_\_\_

答. \_\_\_\_\_

答. \_\_\_\_\_

不等式 4 カッコのある不等式

(PrNo.2514)

組 番 氏名 \_\_\_\_\_

I. 次の不等式を解きなさい。

①  $3(x+1) < 7x+5$

④  $2x - (3x - 4) > 6$

答. \_\_\_\_\_

答. \_\_\_\_\_

②  $x - 4 \geq -2(x+2)$

⑤  $x - (4x - 1) < -5$

答. \_\_\_\_\_

答. \_\_\_\_\_

③  $2(x-1) \leq 8$

⑥  $5 - 2(x+3) \leq -3$

答. \_\_\_\_\_

答. \_\_\_\_\_

不等式 5 小数分数をふくむ不等式

(PrNo.2515)

組 番 氏名 \_\_\_\_\_

I. 次の不等式を解きなさい。

①  $0.2x - 3.5 > 0.6x + 1.3$

④  $\frac{3}{4}x - \frac{1}{2} > \frac{2}{3}x$

答. \_\_\_\_\_

答. \_\_\_\_\_

②  $3.1x - 4.2 > 1.8x - 1.6$

⑤  $\frac{4}{3}x - \frac{5}{6} < \frac{x}{2}$

答. \_\_\_\_\_

答. \_\_\_\_\_

③  $0.1x + 8 < 0.3x + 7$

⑥  $\frac{4x-2}{3} + 1 \leq \frac{3x-1}{4}$

答. \_\_\_\_\_

答. \_\_\_\_\_

組 番 氏名 \_\_\_\_\_

I. 次の不等式を解きなさい。

①  $15 - 3x > 21$

答. \_\_\_\_\_

④  $2x - 7 > 5x + 5$

答. \_\_\_\_\_

⑦  $\frac{x}{2} - 3 \geq \frac{x}{6} - 2$

答. \_\_\_\_\_

⑨  $0.7(x - 1) \leq 1.8x + 2.6$

答. \_\_\_\_\_

②  $-4.8 + x < 3.2$

⑤  $8 - 2(x + 3) \geq -8$

⑧  $\frac{3 - 2x}{3} - \frac{x + 1}{2} - 4 \leq 0$

答. \_\_\_\_\_

⑩  $0.1(7 - x) \geq 0.25x$

答. \_\_\_\_\_

③  $\frac{5}{2}x < x - 6$

答. \_\_\_\_\_

⑥  $3 - \frac{1}{6}x > -\frac{1}{2}x + 8$

答. \_\_\_\_\_

答. \_\_\_\_\_

答. \_\_\_\_\_

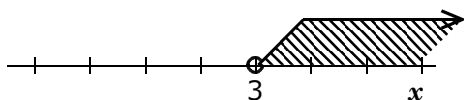
Ⅱ. 次の不等式を解きなさい。また、解の範囲を数直線上に図示しなさい。

①  $4x > 12$

$$x > \frac{12}{4}$$

$$x > 3$$

答.  $x > 3$

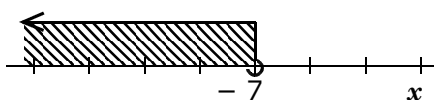


⑤  $3x \leq -21$

$$x \leq \frac{-21}{3}$$

$$x \leq -7$$

答.  $x \leq -7$

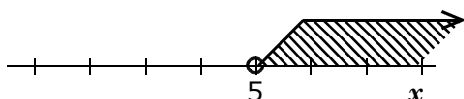


②  $3x > 15$

$$x > \frac{15}{3}$$

$$x > 5$$

答.  $x > 5$

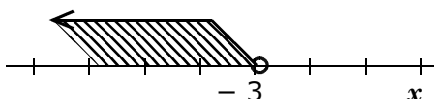


⑥  $-4x > 12$

$$x < \frac{12}{-4}$$

$$x < -3$$

答.  $x < -3$

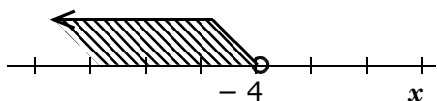


③  $5x < -20$

$$x < \frac{-20}{5}$$

$$x < -4$$

答.  $x < -4$

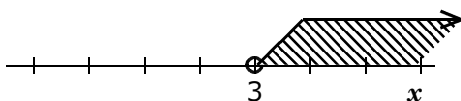


⑦  $-4x < -12$

$$x > \frac{-12}{-4}$$

$$x > 3$$

答.  $x > 3$

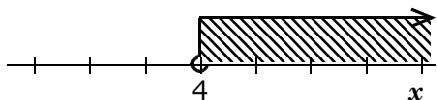


④  $4x \geq 16$

$$x \geq \frac{16}{4}$$

$$x \geq 4$$

答.  $x \geq 4$

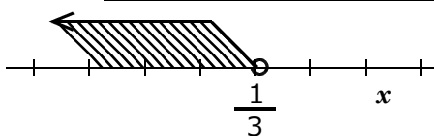


⑧  $12x \leq 4$

$$x < \frac{4}{12}$$

$$x < \frac{1}{3}$$

答.  $x < \frac{1}{3}$

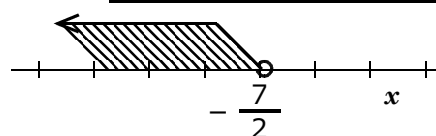


⑨  $-2x > 7$

$$x < \frac{7}{-2}$$

$$x < -\frac{7}{2}$$

答.  $x < -\frac{7}{2}$

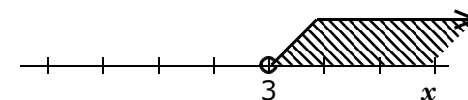


⑬  $-7x < -21$

$$x > \frac{-21}{-7}$$

$$x > 3$$

答.  $x > 3$

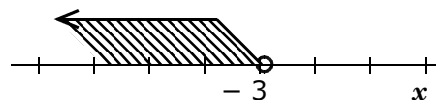


⑩  $4x < -12$

$$x < \frac{-12}{4}$$

$$x < -3$$

答.  $x < -3$

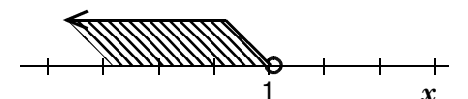


⑭  $-6x > -6$

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

$$x < 1$$

答.  $x < 1$

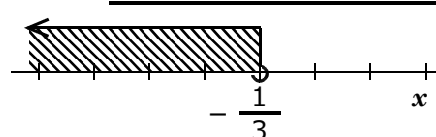


⑪  $-12x \geq -4$

$$x \leq \frac{-4}{-12}$$

$$x \leq \frac{1}{3}$$

答.  $x \leq \frac{1}{3}$

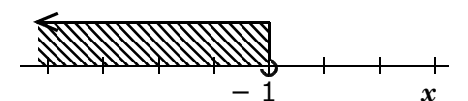


⑮  $5x \leq -5$

$$x \leq \frac{-5}{5}$$

$$x \leq -1$$

答.  $x \leq -1$

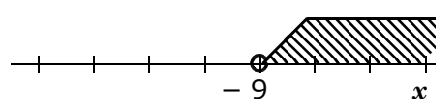


⑫  $-2x < 18$

$$x > \frac{18}{-2}$$

$$x > -9$$

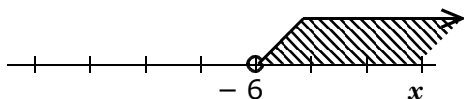
答.  $x > -9$



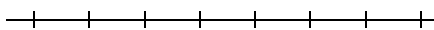
8 組 0 番 氏名 芳賀 唯

I. 次の不等式を解きなさい。また、解の範囲を数直線上に図示しなさい。

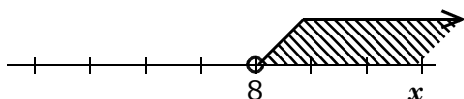
①  $4x > 2x - 12$   
 $4x - 2x > -12$   
 $2x > -12$   
 $x > -6$   
 答.  $x > -6$



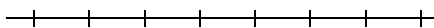
⑤  $3x \leq -21 + 6x$   
 $3x - 6x \leq -21$   
 $-3x \leq -21$   
 $x \geq 7$   
 答.  $x \geq 7$



②  $3x - 9 > 15$   
 $3x > 15 + 9$   
 $3x > 24$   
 $x > 8$   
 答.  $x > 8$



⑥  $4x + 10 > 2$   
 $4x > 2 - 10$   
 $4x > -8$   
 $x > -2$   
 答.  $x > -2$

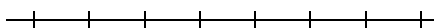


③  $5x < -7x - 24$   
 $5x + 7x < -24$   
 $12x < -24$   
 $x < -2$   
 答.  $x < -2$

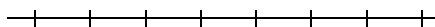
(以下数直線上への図示は省略)



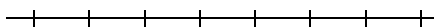
⑦  $-4x < 5x - 1$   
 $-4x - 5x < -1$   
 $-9x < -1$   
 $x > \frac{1}{9}$   
 答.  $x > \frac{1}{9}$



④  $3x \geq 16 - 5x$   
 $3x + 5x \geq 16$   
 $8x \geq 16$   
 $x \geq 2$   
 答.  $x \geq 2$

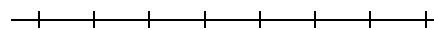


⑧  $2x \leq 3x - 4$   
 $2x - 3x \leq -4$   
 $-x \leq -4$   
 $x \geq 4$   
 答.  $x \geq 4$



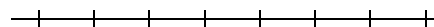
⑨  $-2x > 7 - 3x$   
 $-2x + 3x > 7$   
 $x > 7$

答.  $x > 7$



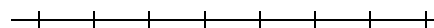
⑩  $2x < 3 + x$   
 $2x - x < 3$   
 $x < 3$

答.  $x < 3$



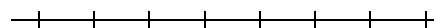
⑪  $2x - 8 \geq -14$   
 $2x \geq -14 + 8$   
 $2x \geq -6$   
 $x \geq -3$

答.  $x \geq -3$



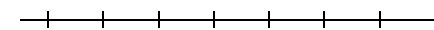
⑫  $-2x < x - 18$   
 $-2x - x < -18$   
 $-3x < -18$   
 $x > 6$

答.  $x > 6$



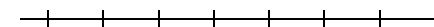
⑬  $1 - 7x < -20$   
 $-7x < -20 - 1$   
 $-7x < -21$   
 $x > 3$

答.  $x > 3$



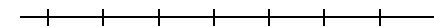
⑭  $x - 6 > -6$   
 $x > -6 + 6$   
 $x > 0$

答.  $x > 0$



⑮  $-x \leq x - 5$   
 $-x - x \leq -5$   
 $-2x \leq -5$   
 $x \geq \frac{5}{2}$   
 答.  $x \geq \frac{5}{2}$

答.  $x \geq \frac{5}{2}$



9 組 0 番 氏名 沢 ルナ

I. 次の不等式を解きなさい。

$$\begin{aligned} \textcircled{1} \quad & 4x - 10 > 2x - 12 \\ & 4x - 2x > -12 + 10 \\ & 2x > -2 \\ & x > -1 \end{aligned}$$

$$\text{答. } \underline{x > -1}$$

$$\begin{aligned} \textcircled{4} \quad & 3x - 2x \geq 18 - 5x \\ & 3x - 2x + 5x \geq 18 \\ & 6x \geq 18 \\ & x \geq 3 \end{aligned}$$

$$\text{答. } \underline{x \geq 3}$$

$$\begin{aligned} \textcircled{7} \quad & -4x - 10 < 5x - 1 \\ & -4x - 5x < -1 + 10 \\ & -9x < 9 \\ & x > -1 \end{aligned}$$

$$\text{答. } \underline{x > -1}$$

$$\begin{aligned} \textcircled{10} \quad & -2x - 15 < 3 + x \\ & -2x - x < 3 + 15 \\ & -3x < 18 \\ & x > -6 \end{aligned}$$

$$\text{答. } \underline{x > -6}$$

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

$$\text{答. } \underline{x < 2}$$

$$\begin{aligned} \textcircled{5} \quad & 4 - 3x \leq -23 + 6x \\ & -3x - 6x \leq -23 - 4 \\ & -9x \leq -27 \\ & x \geq 3 \end{aligned}$$

$$\text{答. } \underline{x \geq 3}$$

$$\begin{aligned} \textcircled{8} \quad & -2x - 4 \leq 3x - 4 \\ & -2x - 3x \leq -4 + 4 \\ & -5x \leq 0 \\ & x \geq 0 \end{aligned}$$

$$\text{答. } \underline{x \geq 0}$$

$$\begin{aligned} \textcircled{11} \quad & 5x - 2 > x + 6 \\ & 5x - x > 6 + 2 \\ & 4x > 8 \\ & x > 2 \end{aligned}$$

$$\text{答. } \underline{x > 2}$$

$$\begin{aligned} \textcircled{3} \quad & 10 - 5x < -7x - 20 \\ & -5x + 7x < -20 - 10 \\ & 2x < -30 \\ & x < -15 \end{aligned}$$

$$\text{答. } \underline{x < -15}$$

$$\begin{aligned} \textcircled{6} \quad & 4x + 10 > 2 + 3x \\ & 4x - 3x > 2 - 10 \\ & x > -8 \end{aligned}$$

$$\text{答. } \underline{x > -8}$$

$$\begin{aligned} \textcircled{9} \quad & -2x + 6 > 7 - 3x \\ & -2x + 3x > 7 - 6 \\ & x > 1 \end{aligned}$$

$$\text{答. } \underline{x > 1}$$

$$\begin{aligned} \textcircled{12} \quad & 2x - 4 > 3x + 2 \\ & 2x - 3x > 2 + 4 \\ & -x > 6 \\ & x < -6 \end{aligned}$$

$$\text{答. } \underline{x < -6}$$



7 組 0 番 氏名 織田 真理

I. 次の不等式を解きなさい。

$$\begin{aligned} \textcircled{1} \quad & 3(x+1) < 7x+5 \\ & 3x+3 < 7x+5 \\ & 3x-7x < 5-3 \\ & -4x < 2 \\ & x > \frac{2}{-4} \\ & x > -\frac{1}{2} \end{aligned}$$

答.  $x > -\frac{1}{2}$

$$\begin{aligned} \textcircled{2} \quad & x-4 \geq -2(x+2) \\ & x-4 \geq -2x-4 \\ & x+2x \geq -4+4 \\ & 3x \geq 0 \\ & x \geq \frac{0}{3} \\ & x \geq 0 \end{aligned}$$

答.  $x \geq 0$

$$\begin{aligned} \textcircled{3} \quad & 2(x-1) \leq 8 \\ & 2x-2 \leq 8 \\ & 2x \leq 8+2 \\ & 2x \leq 10 \\ & x \leq \frac{10}{2} \\ & x \leq 5 \end{aligned}$$

答.  $x \leq 5$

$$\begin{aligned} \textcircled{4} \quad & 2x-(3x-4) > 6 \\ & 2x-3x+4 > 6 \\ & 2x-3x > 6-4 \\ & -x > 2 \\ & x < \frac{2}{-1} \\ & x < -2 \end{aligned}$$

答.  $x < -2$

$$\begin{aligned} \textcircled{5} \quad & x-(4x-1) < -5 \\ & x-4x+4 < -5 \\ & x-4x < -5-4 \\ & -3x < -9 \\ & x > \frac{-6}{-3} \\ & x > 2 \end{aligned}$$

答.  $x > 2$

$$\begin{aligned} \textcircled{6} \quad & 5-2(x+3) \leq -3 \\ & 5-2x-6 \leq -3 \\ & -2x \leq -3-5+6 \\ & -2x \leq -2 \\ & x \geq \frac{-2}{-2} \\ & x \geq 1 \end{aligned}$$

答.  $x \geq 1$

8 組 0 番 氏名 芳賀 唯

I. 次の不等式を解きなさい。

$$\begin{aligned} \textcircled{1} \quad & 0.2x-3.5 > 0.6x+1.3 \\ & \text{すべての項を10倍する} \\ & 2x-35 > 6x+13 \\ & 2x-6x > 13+35 \\ & -4x > 48 \\ & x < \frac{48}{-4} \\ & x < -12 \end{aligned}$$

答.  $x < -12$

$$\begin{aligned} \textcircled{2} \quad & 3.1x-4.2 > 1.8x-1.6 \\ & \text{すべての項を10倍する} \\ & 31x-42 > 18x-16 \\ & 31x-18x > -16+42 \\ & 13x > 26 \\ & x > \frac{26}{13} \\ & x > 2 \end{aligned}$$

答.  $x > 2$

$$\begin{aligned} \textcircled{3} \quad & 0.1x+8 < 0.3x+7 \\ & \text{すべての項を10倍する} \\ & x+80 < 3x+70 \\ & x-3x < 70-80 \\ & -2x < -10 \\ & x > \frac{-10}{-2} \\ & x > 5 \end{aligned}$$

答.  $x > 5$

$$\begin{aligned} \textcircled{4} \quad & \frac{3}{4}x - \frac{1}{2} > \frac{2}{3}x \\ & \text{すべての項に4, 2, 3の最小公倍数} \\ & \text{数12をかけて分母をはらう} \\ & \frac{3}{4}x \times 12 - \frac{1}{2} \times 12 > \frac{2}{3}x \times 12 \\ & 9x - 6 > 8x \\ & 9x - 8x > 6 \\ & x > 6 \end{aligned}$$

答.  $x > 6$

$$\begin{aligned} \textcircled{5} \quad & \frac{4}{3}x - \frac{5}{6} < \frac{x}{2} \\ & \text{すべての項に3, 6, 2の最小公倍数} \\ & \text{数6をかけて分母をはらう} \\ & \frac{4}{3}x \times 6 - \frac{5}{6} \times 6 < \frac{x}{2} \times 6 \\ & 8x - 5 < 3x \\ & 8x - 3x < 5 \\ & 5x < 5 \\ & x < \frac{5}{5} \\ & x < 1 \end{aligned}$$

答.  $x < 1$

$$\begin{aligned} \textcircled{6} \quad & \frac{4x-2}{3} + 1 \leq \frac{3x-1}{4} \\ & \text{すべての項に3, 4の最小公倍数12} \\ & \text{をかけて分母をはらう} \\ & \frac{4x-2}{3} \times 12 + 1 \times 12 \leq \frac{3x-1}{4} \times 12 \\ & 4(4x-2) + 12 \leq 3(3x-1) \\ & 16x - 8 + 12 \leq 9x - 3 \\ & 16x - 9x \leq -3 + 8 - 12 \\ & 7x \leq -7 \\ & x \leq \frac{-7}{7} \\ & x \leq -1 \end{aligned}$$

答.  $x \leq -1$

9 組 0 番 氏名 沢 ルナ

I. 次の不等式を解きなさい。

$$\begin{aligned} \textcircled{1} \quad & 15 - 3x > 21 \\ & -3x > 21 - 15 \\ & -3x > 6 \\ & x < \frac{6}{-3} \\ & x < -2 \end{aligned}$$

答.  $x < -2$

$$\begin{aligned} \textcircled{2} \quad & -4.8 + x < 3.2 \\ & \text{すべての項を10倍する} \\ & -48 + 10x < 32 \\ & 10x < 32 + 48 \\ & 10x < 80 \\ & x < \frac{80}{10} \\ & x < 8 \end{aligned}$$

答.  $x < 8$

$$\begin{aligned} \textcircled{3} \quad & \frac{5}{2}x < x - 6 \\ & \text{すべての項に2をかけて分母をはらう} \\ & \text{(分数ではなく、整数になっていたとしても2をかけます)} \\ & \frac{5}{2}x \times 2 < x \times 2 - 6 \times 2 \\ & 5x < 2x - 12 \\ & 5x - 2x < -12 \\ & 3x < -12 \\ & x < \frac{-12}{3} \\ & x < -4 \end{aligned}$$

答.  $x < -4$

$$\begin{aligned} \textcircled{4} \quad & 2x - 7 > 5x + 5 \\ & 2x - 5x > 5 + 7 \\ & -3x > 12 \\ & x < \frac{12}{-3} \\ & x < -4 \end{aligned}$$

答.  $x < -4$

$$\begin{aligned} \textcircled{5} \quad & 8 - 2(x + 3) \geq -8 \\ & 8 - 2x - 6 \geq -8 \\ & -2x \geq -8 - 8 + 6 \\ & -2x \geq -10 \\ & x \leq \frac{-10}{-2} \\ & x \leq 5 \end{aligned}$$

答.  $x \leq 5$

$$\begin{aligned} \textcircled{6} \quad & 3 - \frac{1}{6}x > -\frac{1}{2}x + 8 \\ & \text{すべての項に6,2の最小公倍数12} \\ & \text{をかけて分母をはらう} \\ & 3 \times 12 - \frac{1}{6}x \times 12 \\ & > -\frac{1}{2}x \times 12 + 8 \times 12 \\ & 36 - 2x > -6x + 96 \\ & -2x + 6x > 96 - 36 \\ & 4x > 60 \\ & x > \frac{60}{4} \\ & x > 15 \end{aligned}$$

答.  $x > 15$

$$\begin{aligned} \textcircled{7} \quad & \frac{x}{2} - 3 \geq \frac{x}{6} - 2 \\ & \text{すべての項に2,6の最小公倍数12} \\ & \text{をかけて分母をはらう} \\ & \frac{x}{2} \times 12 - 3 \times 12 \geq \frac{x}{6} \times 12 - 2 \times 12 \\ & 6x - 36 \geq 2x - 24 \\ & 6x - 2x \geq -24 + 36 \\ & 4x \geq 12 \\ & x \geq \frac{12}{4} \\ & x \geq 3 \end{aligned}$$

答.  $x \geq 3$

$$\begin{aligned} \textcircled{8} \quad & \frac{3-2x}{3} - \frac{x+1}{2} - 4 \leq 0 \\ & \text{すべての項に3,2の最小公倍数6} \\ & \text{をかけて分母をはらう} \\ & \frac{3-2x}{3} \times 6 - \frac{x+1}{2} \times 6 - 4 \times 6 \leq 0 \\ & 2(3-2x) - 3(x+1) - 24 \leq 0 \\ & 6 - 4x - 3x - 3 - 24 \leq 0 \\ & -4x - 3x \leq 0 - 6 + 3 + 24 \\ & -7x \leq 21 \\ & x \geq \frac{21}{-7} \\ & x \geq -3 \end{aligned}$$

答.  $x \geq -3$

$$\begin{aligned} \textcircled{9} \quad & 0.7(x-1) \leq 1.8x + 2.6 \\ & \text{まずかっこはずしをしてから,} \\ & \text{すべての項を10倍する} \\ & \text{(先に10倍すると失敗する可能性が} \\ & \text{大きくなります)} \end{aligned}$$

$$\begin{aligned} & 0.7x - 0.7 \leq 1.8x + 2.6 \\ & \text{ここで10倍} \\ & 7x - 7 \leq 18x + 26 \\ & 7x - 18x \leq 26 + 7 \\ & -11x \leq 33 \\ & x \geq \frac{33}{-11} \\ & x \geq -3 \end{aligned}$$

答.  $x \geq -3$

$$\begin{aligned} \textcircled{10} \quad & 0.1(7-x) \geq 0.25x \\ & \text{まずかっこはずしをしてから,} \\ & \text{すべての項を100倍する。} \\ & 0.7 - 0.1x \geq 0.25x \\ & 70 - 10x \geq 25x \\ & -10x - 25x \geq -70 \\ & -35x \geq -70 \\ & x \leq \frac{-70}{-35} \\ & x \leq 2 \end{aligned}$$

答.  $x \leq 2$