- 3 小問集合. 以下の不等式を解け.
 - (1) 4x-1 < 3x+5

(2)
$$\frac{1}{2}x - \frac{1}{3} < \frac{1}{4} - \frac{1}{5}x$$

(3)
$$\begin{cases} 3x+2 < x+4 & -0 \\ 5x-1 & \le 7x-5 & -2 \end{cases}$$

(4)
$$\frac{2x+5}{4} \le x+2 < 17-2x$$

(5) $|x-2| < 4$

- (6) |2x-3|>3

(1)
$$4\pi - 1 < 3\pi + 5$$

 $4\pi - 3\pi < 5 + 1$
 $\pi < 6$

$$(2) \frac{1}{2} \gamma (-\frac{1}{3}) < \frac{1}{4} - \frac{1}{5} \gamma$$

$$\frac{1}{2} \gamma (+\frac{1}{5} \gamma) < \frac{1}{4} + \frac{1}{3}$$

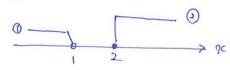
$$\frac{1}{10} \gamma (<\frac{3+4}{12})$$

$$\frac{7}{10} \gamma (<\frac{7}{12}) \mathbb{Z}_{5} \times \frac{1}{9}$$

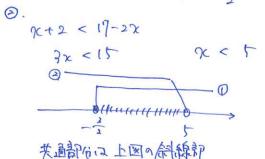
$$\frac{1}{10} \gamma (<\frac{1}{12})$$

$$(2)$$
 < (0)
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(3)
$$0$$
 37c+2 < 9c+4
2 χ < 2
 χ < 1



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(5)
$$|x-2| < 4$$

 $-4 < x-2 < 4$

$$-4+2 < x < 4+2$$
 $-2 < x < 6$