

Solve $3(2x-3) < x+1$

Solution

$$3(2x - 3) < x + 1,$$

$$3 \cdot 2x - 3 \cdot 3 < x + 1,$$

$$6x - 9 < x + 1,$$

$$6x - x < 9 + 1,$$

$$5x < 10,$$

$$x < 2,$$

$$x \in (-\infty; 2).$$

Answer: $x \in (-\infty; 2).$