Решить *неравенства*:

$$\frac{arccos⁡(2-3x)}{0,5-x}\geq 0. \left\{\begin{array}{c}-1\leq 2-3x\leq 1,\\0,5-x>0;\end{array}\right. \left\{\begin{array}{c}-3\leq -3x\leq -1,\\x<0,5;\end{array}\right. \left\{\begin{array}{c} \frac{1}{3}\leq x\leq 1,\\x<0,5;\end{array}\right.$$

*Ответ*: $\frac{1}{3}\leq x<0,5.$

$\frac{arccos⁡(x^{2}-3x+2)}{8x^{2}-10x+3}\geq 0$. $\left\{\begin{array}{c}-1\leq x^{2}-3x+2\leq 1,\\8x^{2}-10x+3>0;\end{array}\right.$ $\left\{\begin{array}{c} x^{2}-3x+3\geq 0,\\ x^{2}-3x+1\leq 0,\\\left[\begin{matrix}x<\frac{1}{2},\\x>\frac{3}{4};\end{matrix}\right.\end{array}\right.$ $\left\{\begin{array}{c}\frac{3-\sqrt{5}}{2}<x<\frac{3+\sqrt{5}}{2},\\\left[\begin{matrix}x<\frac{1}{2},\\x>\frac{3}{4};\end{matrix}\right.\end{array}\right.$ $Ответ: x\in \left[\frac{3-\sqrt{5}}{2}; \frac{1}{2}\right)∪(\frac{3}{4}; \frac{3+\sqrt{5}}{2}]$