	КР №1 В каждом номере первый пример – 1 балл второй пример – 2 балла	
	Задание 7	
1	$\left(\frac{1}{9}\right)^{3x} \le 3^{-3x+9}$	[-3; +∞)
	$5^{3x+1} - 5^{3x-3} < 624$	(-∞ ; 1)
2	$2^{-x+1} \ge \frac{1}{8}$	(-∞; 4]
	$\left(\frac{1}{7}\right)^{x^2-2x-2} > \frac{1}{7}$	(-1; 3)
3	$2^{2x-6} < \frac{1}{4}$	(-∞;2)
	$3 \cdot 9^{x-2} < \frac{1}{81}$	(-∞ ; -0,5)
4	$0{,}3^{-2x} > 0{,}0081$	(-2;+∞)
	$2 \cdot 2^{-x+1} \ge \frac{1}{16}$	(-∞; 6]
5	$0{,}3^{-3x} > 0{,}027$	(-1;+∞)
	$0{,}04 \cdot (0{,}2)^{x-4} \ge 5^x$	(-∞; 1]
6	$\left(\frac{16}{121}\right)^{-5x} \ge \frac{4}{11}$	[-0,1; +∞)
	$9 \cdot 3^{x-1} + 3^x < 36$	(-∞;2)
7	$0{,}5^{2-x} < 0{,}125$	(-∞; -1)
	$\left(\frac{1}{3}\right)^{x^2-16} \ge 1$	[-4;4]
8	$\left(\frac{1}{2}\right)^{x+2} \ge 4$	(-∞;-4]
	$\left(\frac{2}{3}\right)^{x^2-9} \ge 1$	[-3;3]
9	$0{,}4^{2x+1} \ge 0{,}16$	(-∞;0,5]
	$3 \cdot 3^{x-4} \ge \left(\frac{1}{3}\right)^{2x}$	[1; +∞)
10	$\left(1\frac{1}{5}\right)^{x-1} < \frac{5}{6}$	(-∞;0)
	$(5)^{x^2-4} \le 1$	[-2; 2]
11	$\left(\frac{2}{3}\right)^{2x+5} > \frac{9}{4}$	(-∞;-3,5)
	$5^{x^2+x} > 1$	(-∞; -1)U(0; +∞)

12	$\left(\frac{3}{4}\right)^{x+2} > 1\frac{1}{3}$	(-∞;-3)
	$\left(\frac{1}{3}\right)^{5x-1} + \left(\frac{1}{3}\right)^{5x} < \frac{4}{9}$	(0,8; +∞)
13	$3^{x+3} \geq \left(\frac{1}{3}\right)^{2x}$	[-1; +∞)
	$(\sqrt{10})^{x} \geq 10^{x^2-x}$	[0; 1,5]
14	$\left(\frac{7}{8}\right)^{x-1} \geq \left(\frac{8}{7}\right)^{3-2x}$	[2;+∞)
	$\left(\sqrt{5}\right)^{x^2} < 25$	(-2; 2)
15	$4^{-3x-7} \leq \frac{1}{4}$	[-2;+∞)
	$\left(\sqrt[3]{\frac{1}{3}}\right)^{x^2+2} > \frac{1}{9}$	(-2; 2)
16	$3^{2x+5} > \frac{1}{27}$	(-4;+∞)
	$\left(\sqrt[3]{\frac{1}{5}}\right)^{x^2+2} > \frac{1}{25}$	(-2; 2)
17	$0{,}1^{4-x} < 0{,}001$	(-∞; 1)
	$8 \cdot 2^{x-1} - 2^{x} > 48$	[4;+∞)
18	$2^{2x+3} \geq \frac{1}{2}$	[-2;+∞)
	$\left(\frac{1}{3}\right)^{x^2+2x} > \left(\frac{1}{9}\right)^{16-x}$	(-8; 4)
19	$\left(\frac{2}{5}\right)^{2+3x} > 1$	(-∞;-2/3)
	$5^{x^2-5x-6} > 1$	(-∞; 1)U(6; +∞)
20	$0{,}3^{7+4x} > 0{,}027$	(-∞;-1]
	$100^{x^2-1} \leq 10^{1-5x}$	[-3; 1/2]
21	$\left(\frac{1}{25}\right)^{2x} \leq 5^{-2x+3}$	[-1,5; +∞)
	$\left(\frac{7}{9}\right)^{2x^2-3x} \geq \frac{9}{7}$	[0,5; 1]
22	$4^{2-3x} < 0{,}25$	[1; +∞)
	$27^{x} > 9^{x^2-1}$	(-0,5; 2)

23	$\left(\frac{1}{9}\right)^{5x-1} < 3$	(0,1; +∞)
	$\left(\sqrt{7}\right)^{x^2+1} < 49$	$(-\sqrt{3}; \sqrt{3})$
24	$\left(\frac{1}{7}\right)^{-2-x} \le 7^{-4}$	(-∞; -6]
	$2^{x+1} + \frac{1}{2} \cdot 2^x < 5$	(-∞; 1)
25	$3^{3x-8} \ge \frac{1}{9}$	[2;+∞)
	$3^{x-3} + \frac{1}{3} \cdot 3^x > 10$	[3;+∞)
26	$2^{x+1} < \frac{1}{2}$	(-∞;-2)
	$\left(\frac{1}{25\sqrt{5}}\right)^{2x} < 0{,}2$	(0,2; +∞)
27	$\left(\frac{1}{4}\right)^{3-5x} < 2$	(-∞ ; 0,7)
	$3^{x^2} \le 81$	[-2; 2]
28	$0{,}1^{3-4x} < 10$	(-∞; 1)
	$(6)^{x^2-25} \le 1$	[-5; 5]
29	$\left(\frac{1}{5}\right)^{3x-7} > 0{,}04$	(-∞;3)
	$3^{x+2} + 3^{x-1} < 28$	(-∞ ; 1)
30	$4^{3x+1} > \frac{1}{16}$	(-1;+∞)
	$2^x + 2^{x-3} < 18$	(-∞;4)