Задание № 13

Укажите решение неравенства:

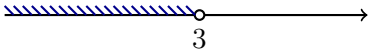
1. $-3 - x > 4x + 7$

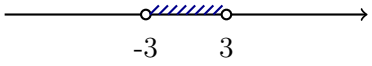
1) $(-\infty; -0.8)$ 2) $(-0.8; +\infty)$ 3) $(-\infty; -2)$ 4) $(-2; +\infty)$ *Ответ:* _____

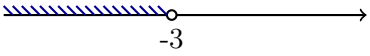
2. $x^2 - 36 \leq 0$

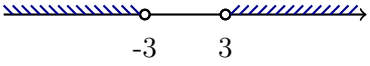
1) $(-\infty; +\infty)$ 2) $(-\infty; -6] \cup [6; +\infty)$ 3) $[-6; 6]$ 4) нет решений *Ответ:* _____

3. $x^2 < 9$.

1) 

2) 

3) 

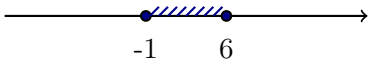
4) 

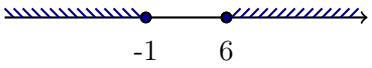
Ответ: _____

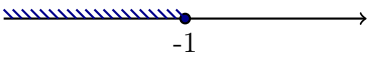
4. $(x + 9)(x - 4) < 0$

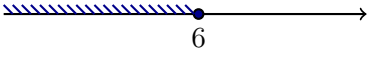
1) $(-9; 4)$ 2) $(-\infty; -9) \cup (4; +\infty)$ 3) $(-\infty; -9)$ 4) $(-\infty; -4)$ *Ответ:* _____

5. $(x + 1)(x - 6) \leq 0$

1) 

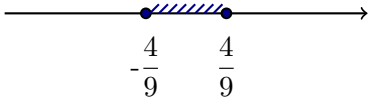
2) 

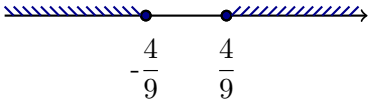
3) 

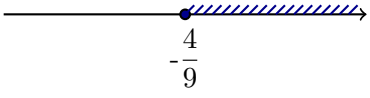
4) 

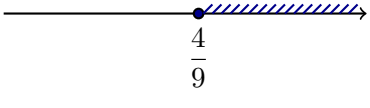
Ответ: _____

6. $81x^2 \geq 16$

1) 

2) 

3) 

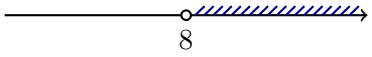
4) 

Ответ: _____

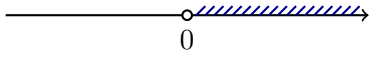
7. $6x - x^2 \geq 0$

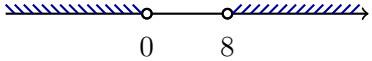
1) $[0; +\infty)$ 2) $(-\infty; 0] \cup [6; +\infty)$ 3) $[0; 6]$ 4) $[6; +\infty)$ *Ответ:* _____

8. $8x - x^2 < 0$.

1) 

2) 

3) 

4) 

Ответ: _____

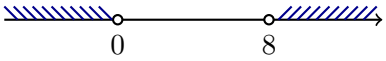
Укажите неравенство, решение которого изображено на рисунке:

9. 

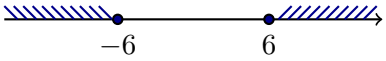
1) $x^2 - 49 < 0$ 2) $x^2 - 7x < 0$ 3) $x^2 - 49 > 0$ 4) $x^2 - 7x > 0$ *Ответ:* _____

10. 

1) $x^2 + 16 \geq 0$ 2) $x^2 - 16 \leq 0$ 3) $x^2 + 16 \leq 0$ 4) $x^2 - 16 \geq 0$ *Ответ:* _____

11. 

1) $x^2 - 8x < 0$ 2) $x^2 - 64 < 0$ 3) $x^2 - 8x > 0$ 4) $x^2 - 64 > 0$ *Ответ:* _____

12. 

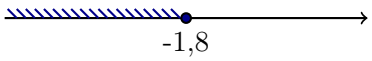
1) $x^2 - 36 \leq 0$ 2) $x^2 + 36 \geq 0$ 3) $x^2 - 36 \geq 0$ 4) $x^2 + 36 \leq 0$ *Ответ:* _____

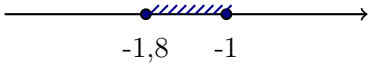
Укажите решение системы неравенств:

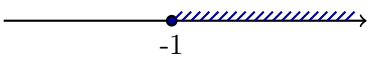
13. $\begin{cases} x + 4 \geq -1, \\ x + 1,4 \geq 0. \end{cases}$

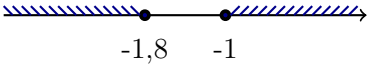
1) $[-5; +\infty)$ 2) $[-1,4; +\infty)$ 3) $[-5; -1,4]$ 4) $(-\infty; -5] \cup [-1,4; +\infty)$ *Ответ:* _____

14. $\begin{cases} x+4 \geq -1, \\ x+1,4 \geq 0. \end{cases}$

1) 

2) 

3) 

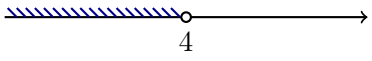
4) 

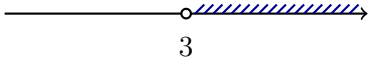
Ответ: _____

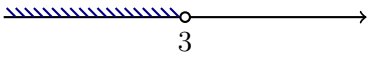
15. $\begin{cases} -8+4x > 0, \\ 4-3x > -8. \end{cases}$

1) нет решений 2) $(-\infty; 4)$ 3) $(2; +\infty)$ 4) $(2; 4)$ *Ответ:* _____

16. $\begin{cases} -9+3x < 0, \\ 2-3x > -10. \end{cases}$

1) 

2) 

3) 

4) 

Ответ: _____

Ответы

№	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ответы	3	3	2	1	1	2	3	4	2	2	3	3	2	1	4	3