

1. Решите систему неравенств

$$\begin{cases} 5x + 13 \leq 0, \\ x + 5 \geq 1. \end{cases}$$

На каком рисунке изображено множество ее решений?

В ответе укажите номер правильного варианта.

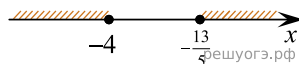
1)



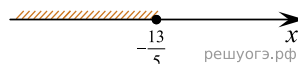
2)



3)



4)



2. Решите систему неравенств $\begin{cases} x^2 \leq 4, \\ x + 3 \geq 0. \end{cases}$

На каком из рисунков изображено множество ее решений?

В ответе укажите номер правильного варианта.

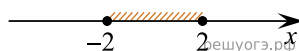
1)



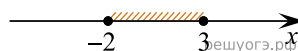
2)



3)



4)



3. Найдите наибольшее значение x , удовлетворяющее системе неравенств

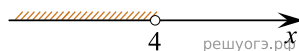
$$\begin{cases} 2x + 12 \geq 0, \\ x + 5 \leq 2. \end{cases}$$

4. Решите систему неравенств $\begin{cases} x > 3, \\ 4 - x > 0. \end{cases}$

На каком рисунке изображено множество ее решений?

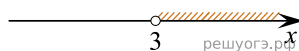
В ответе укажите номер правильного варианта.

1)

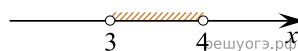


2) система не имеет решений

3)



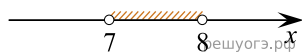
4)



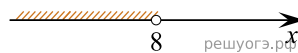
5. На каком рисунке изображено множество решений системы неравенств

$$\begin{cases} -35 + 5x > 0, \\ 6 - 3x > -18? \end{cases}$$

1)

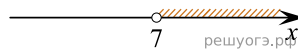


2)



3) система не имеет решений

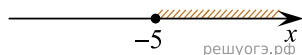
4)



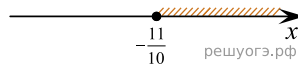
6. Укажите решение системы неравенств:

$$\begin{cases} x + 3 \geq -2, \\ x + 1,1 \geq 0. \end{cases}$$

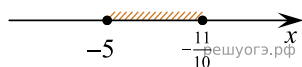
1)



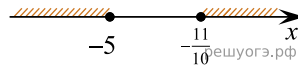
2)



3)



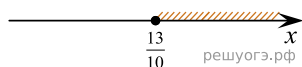
4)



7. Укажите решение системы неравенств:

$$\begin{cases} x - 4 \geq 0, \\ x - 0,3 \geq 1. \end{cases}$$

1)



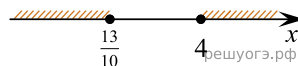
2)



3)



4)



8. Укажите решение системы неравенств:

$$\begin{cases} -35 + 5x < 0, \\ 6 - 3x > -18 \end{cases}$$

1) (7;8)

2) $(-\infty; 7)$

3) $(-\infty; 8)$

4) $(7; +\infty)$

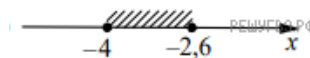
9. Укажите решение системы неравенств

$$\begin{cases} x + 2,6 \leq 0, \\ x + 5 \geq 1. \end{cases}$$

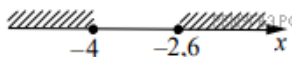
1)



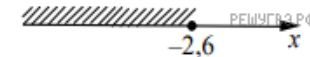
2)



3)

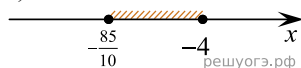


4)



10. Укажите решение системы неравенств $\begin{cases} x + 4 \geq -4,5, \\ x + 4 \leq 0? \end{cases}$

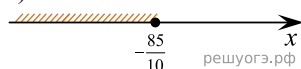
1)



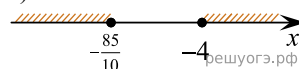
2)



3)



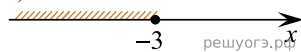
4)



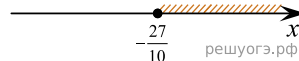
11. Укажите решение системы неравенств

$$\begin{cases} x + 2,7 \leq 0, \\ x + 4 \geq 1. \end{cases}$$

1)



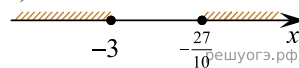
2)



3)



4)



12. Укажите решение системы неравенств:

$$\begin{cases} x - 7,4 \geq 0, \\ x + 2 \geq 3. \end{cases}$$

1)



2)



3)



4)



13. Укажите решение системы неравенств:

$$\begin{cases} -35 + 5x < 0, \\ 6 - 3x > -18 \end{cases}$$

1) $(7; 8)$

2) $(-\infty; 7)$

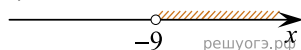
3) $(-\infty; 8)$

4) $(7; +\infty)$

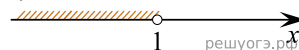
14. Укажите решение системы неравенств

$$\begin{cases} -5 + 5x < 0, \\ 4 - 3x < 31. \end{cases}$$

1) $<$

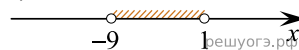


3)



2) нет решений

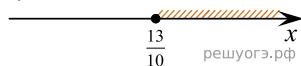
4)



15. Укажите решение системы неравенств:

$$\begin{cases} x - 4 \geq 0, \\ x - 0,3 \geq 1. \end{cases}$$

1)



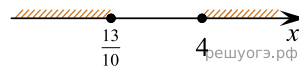
2)



3)



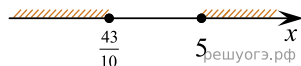
4)



16. Укажите решение системы неравенств

$$\begin{cases} x - 4,3 \geq 0, \\ x + 5 \leq 10? \end{cases}$$

1)



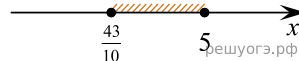
2)



3)

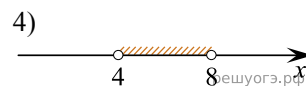
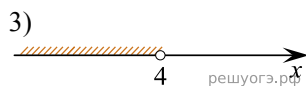
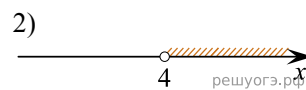
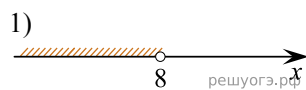


4)

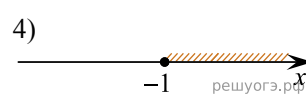
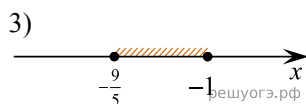
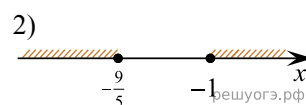
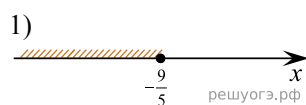


17. Укажите решение системы неравенств

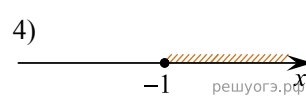
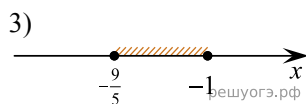
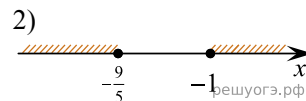
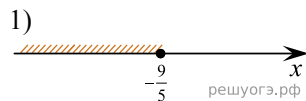
$$\begin{cases} -12 + 3x < 0, \\ 9 - 4x > -23. \end{cases}$$



18. Укажите решение системы неравенств $\begin{cases} x + 1,8 \leq 0, \\ x + 0,5 \leq -0,5? \end{cases}$

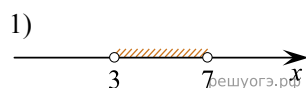


19. Укажите решение системы неравенств $\begin{cases} x + 1,8 \leq 0, \\ x + 0,5 \leq -0,5? \end{cases}$

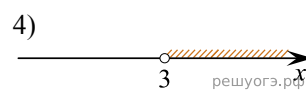
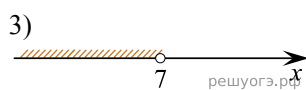


20. Укажите решение системы неравенств

$$\begin{cases} -35 + 5x < 0, \\ 6 - 3x < -3. \end{cases}$$



2) нет решений



21. Укажите решение системы неравенств:

$$\begin{cases} x + 3 \geq -2, \\ x + 1,1 \geq 0. \end{cases}$$

