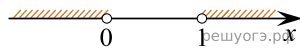
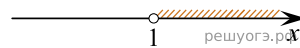


1. На каком из рисунков изображено решение неравенства $x - x^2 < 0$?
В ответе укажите номер правильного варианта.

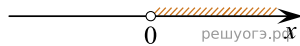
1)



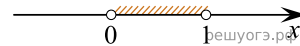
2)



3)



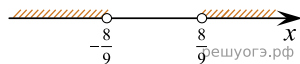
4)



- 1) 1
- 2) 2
- 3) 3
- 4) 4

2. На каком из рисунков изображено решение неравенства $81x^2 > 64$?
В ответе укажите номер правильного варианта.

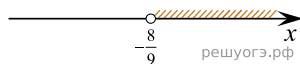
1)



2)



3)



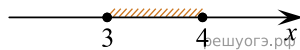
4)



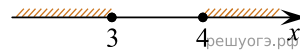
- 1) 1
- 2) 2
- 3) 3
- 4) 4

3. На каком рисунке изображено множество решений неравенства $x^2 - 7x + 12 \geq 0$?

1)



2)



3)

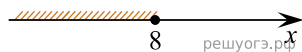


4)

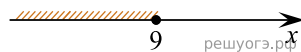


4. На каком рисунке изображено множество решений неравенства $x^2 - 17x + 72 \leq 0$?

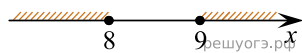
1)



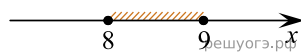
2)



3)

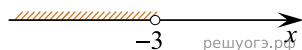


4)

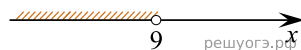


5. На каком рисунке изображено множество решений неравенства $x^2 - 6x - 27 < 0$?

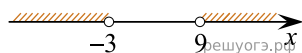
1)



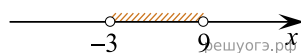
2)



3)

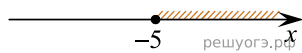


4)

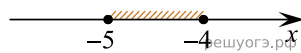


6. На каком рисунке изображено множество решений неравенства $x^2 + 9x + 20 \geq 0$?

1)



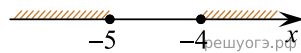
2)



3)

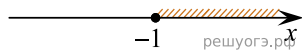


4)

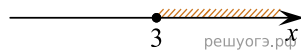


7. На каком рисунке изображено множество решений неравенства $x^2 - 2x - 3 \geq 0$?

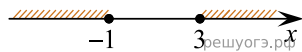
1)



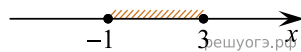
2)



3)

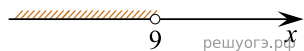


4)

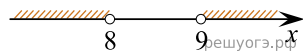


8. На каком рисунке изображено множество решений неравенства $x^2 - 17x + 72 < 0$?

1)



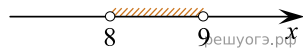
2)



3)

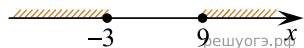


4)



9. На каком рисунке изображено множество решений неравенства $x^2 - 6x - 27 \leq 0$?

1)



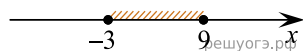
2)



3)

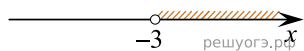


4)

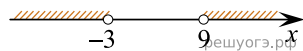


10. На каком рисунке изображено множество решений неравенства $x^2 - 6x - 27 > 0$?

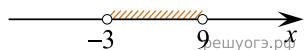
1)



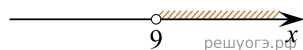
2)



3)



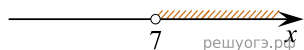
4)



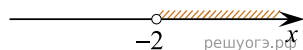
11. Укажите решение неравенства

$$(x + 2)(x - 7) > 0.$$

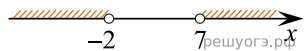
1)



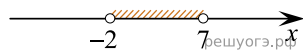
2)



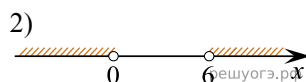
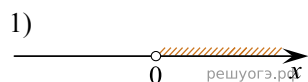
3)



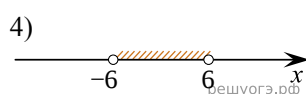
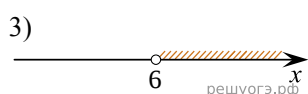
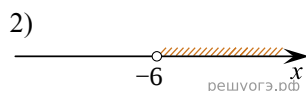
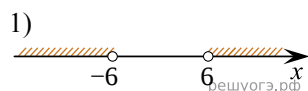
4)



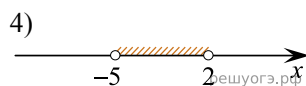
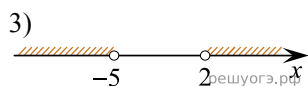
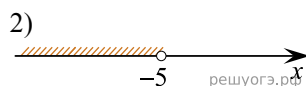
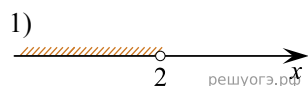
12. Укажите решение неравенства $6x - x^2 > 0$?



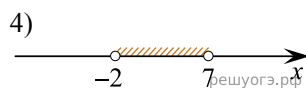
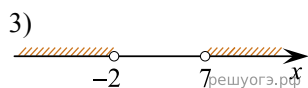
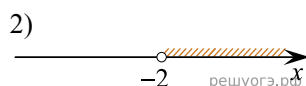
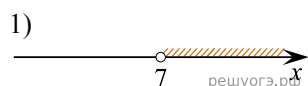
13. Укажите решение неравенства $x^2 > 36$?



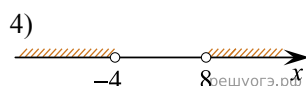
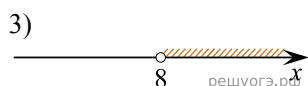
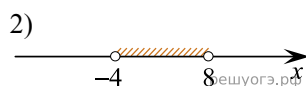
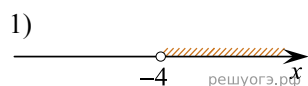
14. Укажите решение неравенства $(x + 5)(x - 2) < 0$.



15. Укажите решение неравенства $(x + 2)(x - 7) > 0$.

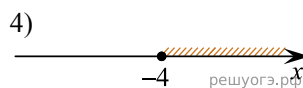
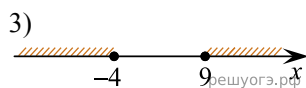
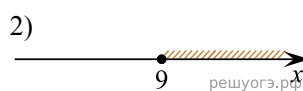
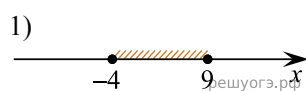


16. Укажите решение неравенства $(x + 4)(x - 8) > 0$.

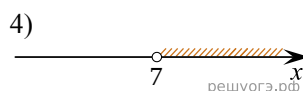
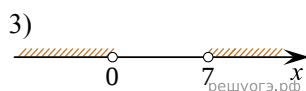
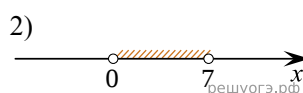
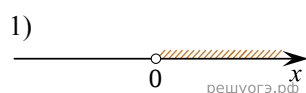


17. Укажите решение неравенства

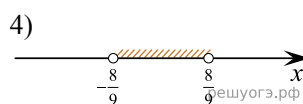
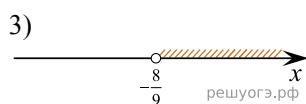
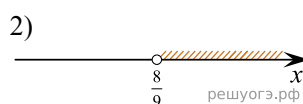
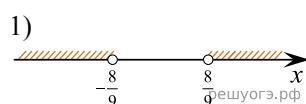
$$(x + 4)(x - 9) \geq 0.$$



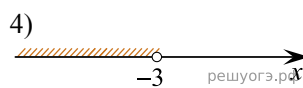
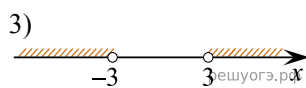
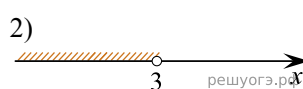
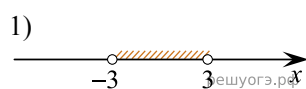
18. На каком рисунке изображено множество решений неравенства $7x - x^2 > 0$?



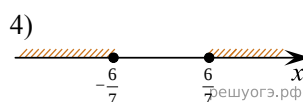
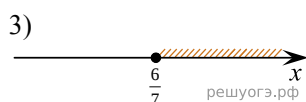
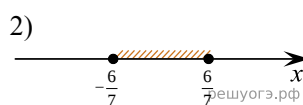
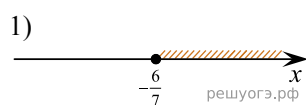
19. Укажите решение неравенства $81x^2 > 64$?



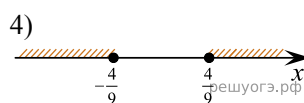
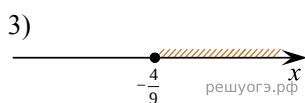
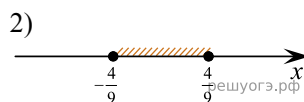
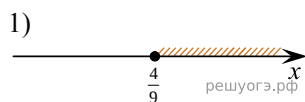
20. Укажите решение неравенства $x^2 < 9$?



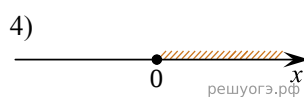
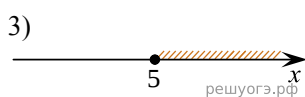
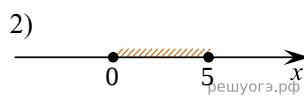
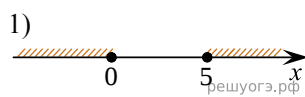
21. Укажите решение неравенства $49x^2 \geq 36$?



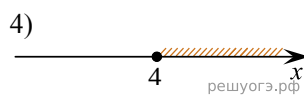
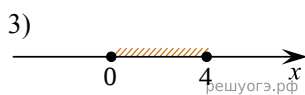
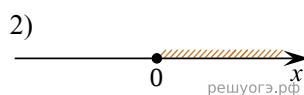
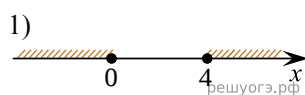
22. Укажите решение неравенства $81x^2 \geq 16$?



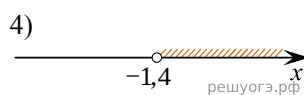
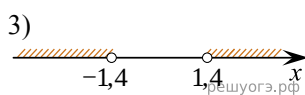
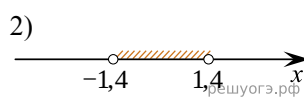
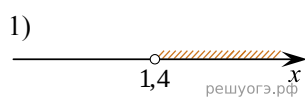
23. Укажите решение неравенства $5x - x^2 \geq 0$?



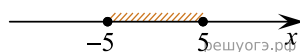
24. На каком рисунке изображено множество решений неравенства $4x - x^2 \leq 0$?



25. Укажите решение неравенства $25x^2 > 49$?



26. Укажите неравенство, решение которого изображено на рисунке.



- 1) $x^2 + 25 \leq 0$
- 2) $x^2 - 25 \leq 0$
- 3) $x^2 + 25 \geq 0$
- 4) $x^2 - 25 \geq 0$