

Name: _____

Date _____

Topic : Solving Inequalities by Multiplying and Dividing - Worksheet 1

Solve:

1. $x/6 > -8$

2. $-2x > -30$

3. $2.7 < 0.9y$

4. $16 \geq 4(4n)$

5. $-9y > -63$

6. $-x/10 < 18$

7. $8x \geq 16$

8. $7y > 14$

9. $-11 < y/55$

10. $18n < 36$



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Topic : Solving Inequalities by Multiplying and Dividing - Worksheet 2

Solve:

11. $x/9 > -3$

12. $-9x > 45$

13. $7.7 < 1.5y$

14. $35 \geq 5(7n)$

15. $-3y > 27$

16. $-x/8 < 64$

17. $5x \geq 35$

18. $4y > 28$

19. $-13 < y/16$

20. $19n < 76$



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Topic : Solving Inequalities by Multiplying and Dividing - Worksheet 3

Solve:

21. $x/12 > 2$

22. $-18x > 54$

23. $5.2 < 10.4y$

24. $22 \geq 11(2n)$

25. $-15y > -45$

26. $-x/11 < 5$

27. $6x \geq 36$

28. $21y > 84$

29. $-18 < y/5$

30. $24n < 120$



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Topic: Solving Inequalities by Multiplying and Dividing - Worksheet 4

Solve:

31. $x/25 > 21$

32. $-30x > 51$

33. $9.8 < 12.6y$

34. $60 \geq 3(4n)$

35. $-18y > 36$

36. $-x/25 < 75$

37. $19x \geq 95$

38. $40y > 75$

39. $-30 < y/28$

40. $35n < -100$



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Topic: Solving Inequalities by Multiplying and Dividing - Worksheet 5

Solve:

41. $x/21 > -5$

42. $-36x > 144$

43. $11.5 < 15.5y$

44. $54 \geq 9(6n)$

45. $-16y > 96$

46. $-x/14 < 10$

47. $10x \geq 70$

48. $19y > 95$

49. $70 < y/35$

50. $40n < 160$

