

Graph each inequality on a number line.

31. $-1 \leq x \leq 5$

32. $x < -2$ or $x \geq 1$

33. $x \leq -2$ or $x > 1$

34. $-4 < x < 2$

35. $0 \leq a \leq 5$

36. $-1 < a \leq 6$

37. $n \leq 0$ or $n \geq 5$

38. $n < -3$ or $n \geq 4$

39. $x > 1$ or $x = 1$

40. $x > 1$ and $x = 1$

Solve each combined (compound) inequality. Graph its solution set.

41. $2 < x - 5 < 9$

42. $-2 \leq x + 5 < 9$

43. $0 < a + 4 \leq 7$

44. $-1 < a - 4 \leq 2$

45. $-5 < -2 + n \leq 3$

46. $1 \leq 4 + n < 6$

47. $-4 < -x < 8$

48. $4 < -x < -8$

49. $-4 < -x + 5 < 7$

50. $-2 \leq 2y + 6 \leq 8$

51. $-4 \leq 3y - 1 < 5$

52. $5 < 2b - 1 < 9$

53. $4 < 4p - 4 < 12$

54. $-6 < -2x + 2 \leq 8$

55. $-7 \leq -3x - 1 < 5$

56. $2x - 1 > -5$ and $3x < 9$

57. $4x + 2 > -10$ and $3x - 2 < 4$

58. $4x + 2 > 10$ and $2x < -10$

59. $4x + 2 > -10$ and $-3x - 2 < 4$

60. $4x + 2 > 10$ or $2x < -10$

61. $4x + 2 > -10$ or $3x - 2 < 4$

62. $4x + 2 > 10$ or $-2x < 10$

63. $4x + 2 > -10$ or $-3x - 2 < 4$

64. $4x + 2 \leq -10$ or $2x \geq 10$

65. $4x + 2 \leq -10$ and $-3x + 2 < -4$

66. $-4x + 2 \leq -10$ and $2x \leq 10$

67. $n - 4 \leq 3n \leq 2n + 4$

68. $n - 4 < 3n < 4n + 4$

69. $3p + 5 \geq -1$ and $p - 4 < -3p + 4$

70. $3p + 5 > -1$ and $-2p + 4 < -p + 1$

71. $3p + 5 \geq -1$ or $p - 4 < -3p + 4$

72. $3p + 5 \geq -1$ or $-2p + 4 < -p + 1$

73. $1.5 < 3.2x + 7.9 \leq 12.7$

74. $-8 \geq \frac{5}{3}x - 3$ or $3x \geq 5$

75. $0.2x + 2.4 < 1.5$ or $0.5x > 1.7$

76. $-11 \leq \frac{2}{3}x + 1 \leq 9$