

Find the **slope-intercept** form of each of the following lines. Then graph them, and find the x and y intercepts, if they exist.

1. $8x + (-10)x = 3y - 2$
2. $-6x - (-10)y = -1$
3. $-1x + (-5)y = 3$
4. $-2y + 2y = -2x - 5$
5. $6x + 5x = 2y - (-2)$
6. $-7y - (-3)x = -4$
7. $-2y + 2x = 3$
8. $2x + (-4)y = -10$
9. $5y - (-10)x = -1$
10. $10y - (-2)x = 9$
11. $-7x - 5y = -3$
12. $2x + (-1)x = 8y - (-3)$
13. $-4x + 9x = 3y + (-9)$
14. $-10y - (-10)y = 2x + (-1)$
15. $10x - 5y = 8$
16. $6y + (-4)y = -3x - 9$
17. $-7y - (-5)x = -10$
18. $-8y + (-8)y = -6x - (-7)$
19. $-1y - 3x = 4$
20. $5y + 10y = -3x - (-3)$
21. $3y - (-8)x = 2$
22. $-6x - 5y = -5$
23. $5x - 2x = 4y - 6$
24. $-5x + (-1)x = 5y - (-2)$
25. $7y + (-1)x = -1$
26. $-5x + 6y = -6$
27. $-1y - (-9)x = -3$
28. $6x - (-8)x = 8y + 10$
29. $-10x + (-9)x = -3y + (-9)$
30. $-7y + 10x = 4$
31. $-1y + 10y = -1x - (-5)$
32. $8x + (-7)x = 4y - (-6)$
33. $-6x + 4y = 5$
34. $4y - (-7)y = -10x - (-10)$
35. $9y - 9y = -8x - 1$
36. $6y + (-2)y = -9x + 5$
37. $-5x - (-1)y = -5$
38. $-8y + 8x = -8$
39. $2y - 10y = -2x + (-3)$
40. $3y + 6y = -2x + 9$
41. $-4x + 7y = -9$
42. $4y + 9y = 4x + (-4)$
43. $10y - 5y = -10x - (-1)$
44. $-4x + 2x = -3y + (-8)$
45. $6x + 2y = -3$
46. $3y + 6y = 2x + 9$
47. $-10x - (-2)y = -4$
48. $8x + (-2)x = -6y - (-10)$
49. $-7x + 3y = 9$
50. $-7y + (-2)x = 7$
51. $8x - 2x = -7y + (-3)$
52. $-2x - (-9)y = 5$
53. $-9y - (-3)y = 6x + (-2)$
54. $-7x - (-4)x = -8y - (-3)$
55. $-8y + 5x = 6$
56. $4x - 7x = -10y - (-4)$
57. $3y + 8x = -2$
58. $-7x + 4x = 7y - 4$
59. $-10y + (-5)y = 7x - (-2)$
60. $7y + (-5)x = -3$
61. $-5x - 9x = 4y - 4$
62. $2y - 9x = 8$
63. $-4y + (-3)y = 3x + 9$
64. $-10x - (-8)x = -4y + 6$
65. $2y - (-1)x = 6$
66. $10y + 5y = -8x - (-7)$
67. $-4y + (-3)y = -7x + 9$
68. $-8y - (-6)x = -4$
69. $4y + 3x = -3$
70. $-5x - 4y = 4$
71. $7y - (-8)y = 7x - (-2)$
72. $9y - 6y = -9x + (-6)$
73. $8y + 7x = 2$
74. $-5x + (-4)y = -9$
75. $-6x + 9x = 7y - 6$
76. $3x + 6y = 3$
77. $10x - (-5)y = 5$
78. $-7y - (-7)x = 4$
79. $9y - 5x = -10$
80. $-3x - 8y = 5$
81. $-7x - (-10)y = 8$
82. $-10y - 8x = 10$
83. $4x - (-10)y = 3$
84. $7y - 7x = -4$
85. $7y + 3x = -4$
86. $-2x - (-10)y = 10$
87. $-4y - (-10)y = -6x - (-1)$
88. $2x + 10y = -7$
89. $-10x - (-8)x = -5y - 2$
90. $7x - 3x = 7y - 5$
91. $-8x - 2x = -6y - 6$
92. $-2y - 5y = 3x + (-4)$
93. $4y - 9x = 10$
94. $-8x - 4x = 2y - 2$
95. $7x - (-6)x = -2y + 4$
96. $-1x + 5x = 8y - (-5)$
97. $-5y - (-10)y = -5x + 5$
98. $4x - 10y = -10$
99. $-7y - (-7)x = 9$
100. $-6y - 2x = 8$

Solutions:

1. $y = \frac{-2}{3}x + \frac{2}{3}$
2. $y = \frac{3}{5}x - \frac{1}{10}$
3. $y = \frac{-1}{5}x - \frac{3}{5}$
4. $x = -\frac{5}{2}$
5. $y = \frac{11}{2}x - 1$
6. $y = \frac{3}{7}x + \frac{4}{7}$
7. $y = x - \frac{3}{2}$
8. $y = \frac{1}{2}x + \frac{5}{2}$
9. $y = -2x - \frac{1}{5}$
10. $y = \frac{-1}{5}x + \frac{9}{10}$
11. $y = \frac{-7}{5}x + \frac{3}{5}$
12. $y = \frac{1}{8}x - \frac{3}{8}$
13. $y = \frac{5}{3}x + 3$
14. $x = \frac{1}{2}$
15. $y = 2x - \frac{8}{5}$
16. $y = \frac{-3}{2}x - \frac{9}{2}$
17. $y = \frac{5}{7}x + \frac{10}{7}$
18. $y = \frac{3}{8}x - \frac{7}{16}$
19. $y = -3x - 4$
20. $y = \frac{-1}{5}x + \frac{1}{5}$
21. $y = \frac{-8}{3}x + \frac{2}{3}$
22. $y = \frac{-6}{5}x + 1$
23. $y = \frac{3}{4}x + \frac{3}{2}$
24. $y = \frac{-6}{5}x - \frac{2}{5}$
25. $y = \frac{1}{7}x - \frac{1}{7}$
26. $y = \frac{5}{6}x - 1$
27. $y = 9x + 3$
28. $y = \frac{7}{4}x - \frac{5}{4}$
29. $y = \frac{19}{3}x - 3$
30. $y = \frac{10}{7}x - \frac{4}{7}$
31. $y = \frac{-1}{9}x + \frac{5}{9}$
32. $y = \frac{1}{4}x - \frac{3}{2}$
33. $y = \frac{3}{2}x + \frac{5}{4}$
34. $y = \frac{-10}{11}x + \frac{10}{11}$
35. $x = -\frac{1}{8}$
36. $y = \frac{-9}{4}x + \frac{5}{4}$
37. $y = 5x - 5$
38. $y = x + 1$
39. $y = \frac{1}{4}x + \frac{3}{8}$
40. $y = \frac{-2}{9}x + 1$
41. $y = \frac{4}{7}x - \frac{9}{7}$
42. $y = \frac{4}{13}x - \frac{4}{13}$
43. $y = -2x + \frac{1}{5}$
44. $y = \frac{2}{3}x - \frac{8}{3}$
45. $y = -3x - \frac{3}{2}$
46. $y = \frac{2}{9}x + 1$
47. $y = 5x - 2$
48. $y = -x + \frac{5}{3}$
49. $y = \frac{7}{3}x + 3$
50. $y = \frac{-2}{7}x - 1$
51. $y = \frac{-6}{7}x - \frac{3}{7}$
52. $y = \frac{2}{9}x + \frac{5}{9}$
53. $y = -x + \frac{1}{3}$
54. $y = \frac{3}{8}x + \frac{3}{8}$
55. $y = \frac{5}{8}x - \frac{3}{4}$
56. $y = \frac{3}{10}x + \frac{2}{5}$
57. $y = \frac{-8}{3}x - \frac{2}{3}$
58. $y = \frac{-3}{7}x + \frac{4}{7}$
59. $y = \frac{-7}{15}x - \frac{2}{15}$
60. $y = \frac{5}{7}x - \frac{3}{7}$
61. $y = \frac{-7}{2}x + 1$
62. $y = \frac{9}{2}x + 4$
63. $y = \frac{-3}{7}x - \frac{9}{7}$
64. $y = \frac{1}{2}x + \frac{3}{2}$
65. $y = \frac{-1}{2}x + 3$
66. $y = \frac{-8}{15}x + \frac{7}{15}$
67. $y = x - \frac{9}{7}$
68. $y = \frac{3}{4}x + \frac{1}{2}$
69. $y = \frac{-3}{4}x - \frac{3}{4}$
70. $y = \frac{-5}{4}x - 1$
71. $y = \frac{7}{15}x + \frac{2}{15}$
72. $y = -3x - 2$
73. $y = \frac{-7}{8}x + \frac{1}{4}$
74. $y = \frac{-5}{4}x + \frac{9}{4}$
75. $y = \frac{3}{7}x + \frac{6}{7}$
76. $y = \frac{-1}{2}x + \frac{1}{2}$
77. $y = -2x + 1$
78. $y = x - \frac{4}{7}$
79. $y = \frac{5}{9}x - \frac{10}{9}$
80. $y = \frac{-3}{8}x - \frac{5}{8}$
81. $y = \frac{7}{10}x + \frac{4}{5}$
82. $y = \frac{-4}{5}x - 1$
83. $y = \frac{-2}{5}x + \frac{3}{10}$
84. $y = x - \frac{4}{7}$
85. $y = \frac{-3}{7}x - \frac{4}{7}$
86. $y = \frac{1}{5}x + 1$
87. $y = -x + \frac{1}{6}$
88. $y = \frac{-1}{5}x - \frac{7}{10}$
89. $y = \frac{2}{5}x - \frac{2}{5}$
90. $y = \frac{4}{7}x + \frac{5}{7}$
91. $y = \frac{5}{3}x - 1$
92. $y = \frac{-3}{7}x + \frac{4}{7}$
93. $y = \frac{9}{4}x + \frac{5}{2}$
94. $y = -6x + 1$
95. $y = \frac{-13}{2}x + 2$
96. $y = \frac{1}{2}x - \frac{5}{8}$
97. $y = -x + 1$
98. $y = \frac{2}{5}x + 1$
99. $y = x - \frac{9}{7}$
100. $y = \frac{-1}{3}x - \frac{4}{3}$