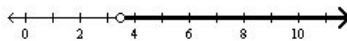
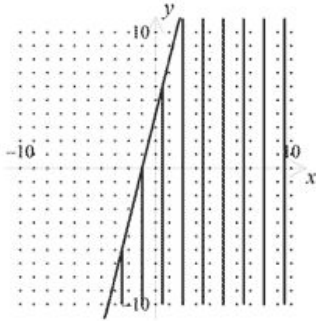
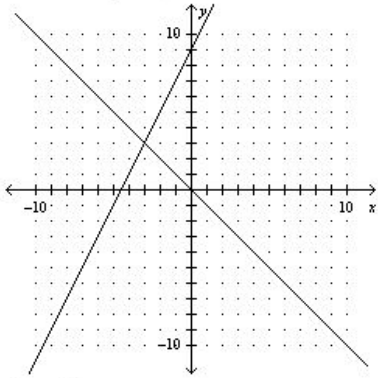


1. $\frac{9}{28}$
2. $2\frac{5}{12}$
3. $\frac{1}{18}$
4. $\frac{4}{9}$
5. \$15
6. -320
7. 6
8. II
9. 12,255 people
10. 113 in.²
11. 1.6
12. $\frac{wy^8}{x^4z^3}$
13. $\frac{y^3}{x^{12}}$
14. $g^2 - 2g - 8$
15. C
16. 8.875, 9, 9
17. C
18. A
19. A
20. D
21. C
22. A
23. C
24. C
25. C
26. D
27. C
28. A
29. A
- *28] Should be D*
30. D
31. C
32. $y = -7x$
33. $x = -6$
34. $\frac{26}{3}$
35. $-\frac{5}{3}$
36. 10
37. -0.15
38. $5 \leq y \leq 35$
39. $w > 3.5$
40. B
41. C
42. A
43. A
44. $\left(\frac{2}{3}, -\frac{1}{2}\right)$
45. $4(6a+3) = 6(4a+2);$
 $12(c+3) - 30 = 12c + 36$
46. (3, -3)
47. A
48. A
49. $5x^2 + 7x + 4$
50. $(x-4)^2$
51. $(x-8)(5x-2)$
52. $-2(n-6)(n-2)$
53. A
54. $(x+10)^2$
55. $(4x+5)(4x-5)$
56. $y = (3x+4)(4x+3)$
57. 9
58. -1, 4
59. $6\sqrt{2}$
60. C
61. C
62. C
63. A
64. B
65. C
66. A
67. B
68. B
69. B





70.



71.

$(-3, 3)$

72. A

1] $x = -6, x = 1$; 2] $x = 9, x = -2$

3] $x = 18, x = 2$; 4] $x = -10, x = 2$

5] $x = 3, x = 5/4$

6] $x = -2/3, x = 5$

7] $x = 2/3, x = -5/2$

8] $x = -5/2, x = 5/4$

**38] Domain: $0 \leq x \leq 5$ **