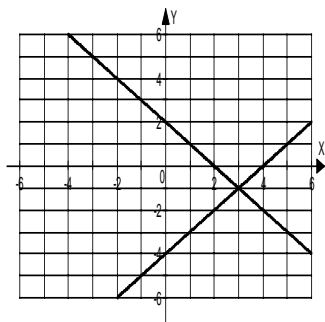


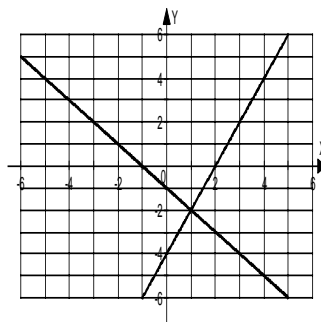
Chapter 5 Answers

Form A

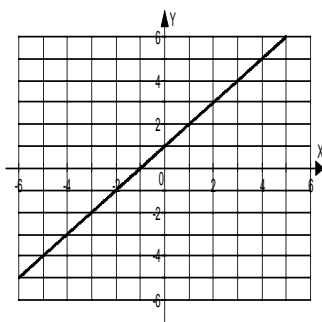
1. No 2. $(3, -1)$



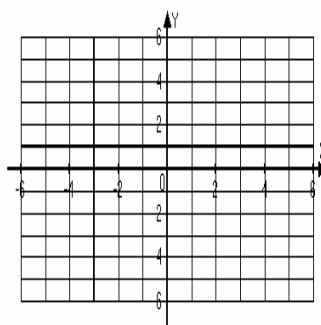
3. $(1, -2)$



4. Infinite solutions



5. $(-2, 1)$

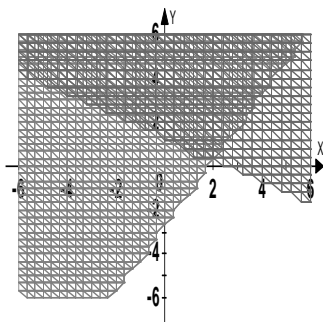


6. $(2, -3)$ 7. $(-1, -2)$ 8. $(1, -4)$ 9. No solution 10. $(1, 3)$ 11. $(2, -2)$

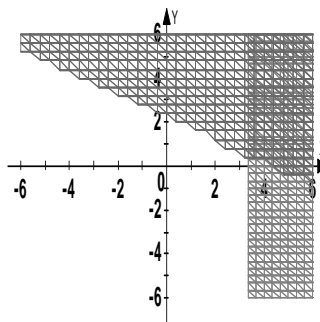
12. Infinite solutions 13. $(\frac{1}{2}, \frac{1}{2})$ 14. $(3, -\frac{8}{3})$ 15. $(4, 6)$ 16. food \$30 ; room \$90

17. 80 adults ; 50 children 18. \$5

19.

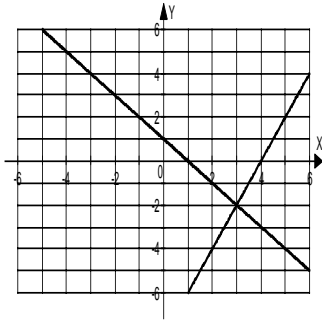


20.

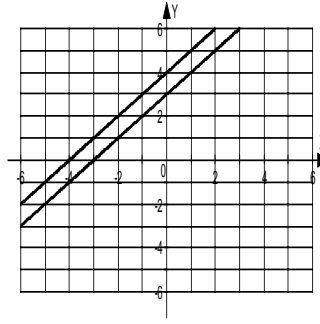


Form B

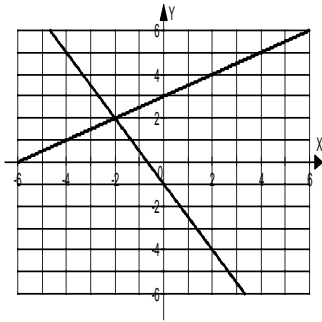
1. Yes 2. $(3, -2)$



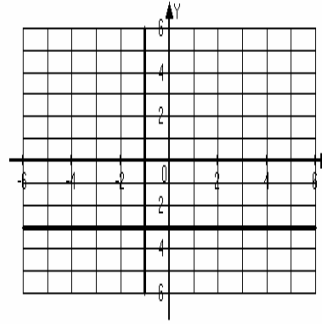
3. Parallel



4. $(-2, 2)$



5. $(-1, -3)$

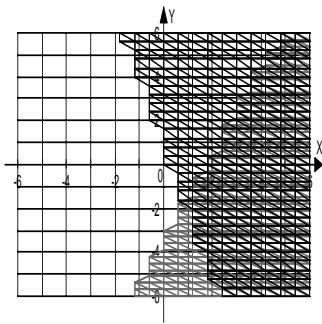


6. $(5, -4)$ 7. $(3, 2)$ 8. $(7, 1)$ 9. Infinite solutions 10. $(5, 0)$ 11. $(2, 2)$ 12. No solution

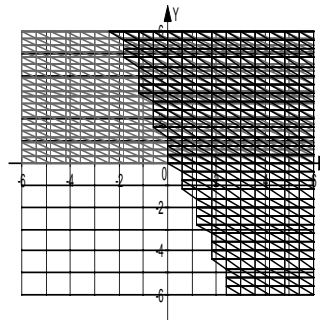
13. $(3, -\frac{3}{2})$ 14. $(-2, -3)$ 15. $(1, -2)$ 16. 20 televisions ; 200 radios 17. 30 and 100

18. \$30

19.



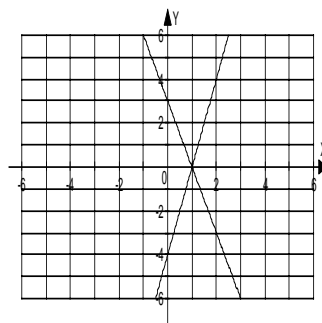
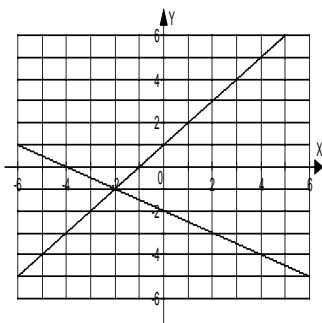
20.



Form C

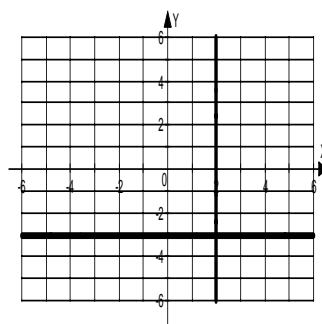
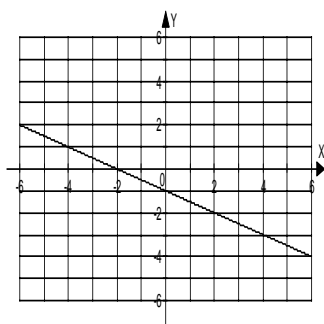
1. Yes 2. $(-2, -1)$

3. $(1, 0)$



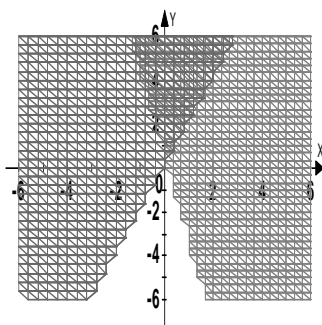
4. Infinite solutions

5. $(2, -3)$

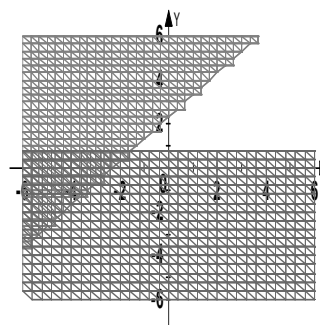


6. $(1, -3)$ 7. $(4, -16)$ 8. Infinite solutions 9. $(4, 4)$ 10. $(50, -10)$ 11. $(3, 0)$ 12. $(0, 5)$
 13. $(4, -3)$ 14. No solution 15. $(8, -3)$ 16. \$16 17. jackets:\$75 ; shirts: \$25 18. 99; 85

19.



20.



Form D

1. b 2. d 3. a 4. c 5. d 6. b 7. c 8. b 9. a 10. c 11. c 12. d 13. a 14. b
 15. a 16. c 17. d 18. b 19. b 20. c

Form E

1. c 2. b 3. a 4. b 5. b 6. c 7. d 8. a 9. a 10. c 11. b 12. d 13. d 14. b
 15. c 16. a 17. b 18. b 19. b 20. b

Form F

1. a 2. c 3. c 4. d 5. d 6. c 7. d 8. c 9. a 10. a 11. d 12. b 13. c 14. a
 15. d 16. d 17. b 18. a 19. d 20. d