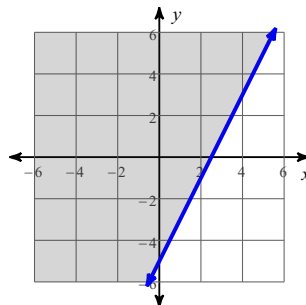
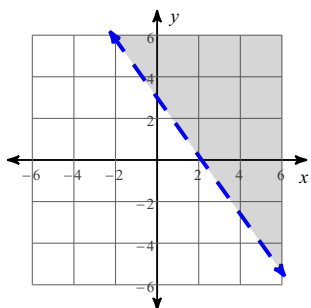


Answers to Unit 6 Solving Systems of an Equation Homework

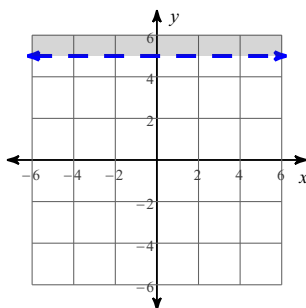
- | | | | |
|--|----------------------------------|----------------------------------|----------------|
| 1) $(2, -2)$ | 2) $(3, 1)$ | 3) $(2, -3)$ | 4) No solution |
| 5) $(-3, 4)$ | 6) $(4, 2)$ | 7) $(-2, 2)$ | 8) No solution |
| 9) Infinite Solutions | 10) $(-3, -2)$ | 11) $(-8, 3)$ | 12) $(3, 5)$ |
| 13) $(5, 3)$ | 14) Infinite number of solutions | 15) $(2, 4)$ | |
| 16) $(-1, -8)$ | 17) No solution | 18) $(-7, 2)$ | 19) $(4, 3)$ |
| 20) $(-6, 2)$ | 21) $(0, -5)$ | 22) $(-1, -2)$ | 23) $(1, -4)$ |
| 24) $(-2, -4)$ | 25) $(1, -2)$ | 26) $(6, 7)$ | 27) $(4, 4)$ |
| 28) $(-10, -9)$ | 29) No solution | 30) No solution | 31) $(0, 2)$ |
| 32) $(1, -1)$ | 33) $(6, -9)$ | 34) Infinite number of solutions | |
| 35) Substitution; $(-2, 2)$ | 36) Substitution; $(0, 3)$ | | |
| 37) Elimination; Infinite number of solutions | 38) Substitution; $(1, -2)$ | | |
| 39) Elimination; $(-10, 3)$ | 40) Substitution; No solution | 41) Elimination; $(-1, -1)$ | |
| 42) Substitution; Infinite number of solutions | 43) Elimination; $(5, -8)$ | | |
| 44) Elimination; No solution | 45) Substitution; $(-2, -2)$ | 46) Elimination; No solution | |
| 47) 3 months; \$155 | 48) Boat: 9 mph, Current: 6 mph | | |
| 49) senior citizen ticket: \$15, student ticket: \$6 | 50) Boat: 6 mph, Current: 5 mph | | |
| 51) cherry pie: \$12, pumpkin pie: \$18 | 52) Van: 11, Bus: 50 | | |
| 53) roll of plain wrapping paper: \$5, roll of holiday wrapping paper: \$5 | | | |
| 54) 3 quarters, 5 dimes | 55) Boat: 10 mph, Current: 6 mph | | |
| 56) rose bush: \$5, shrub: \$3 | 57) Van: 17, Bus: 20 | | |
| 58) adult ticket: \$11, child ticket: \$5 | 59) | | |



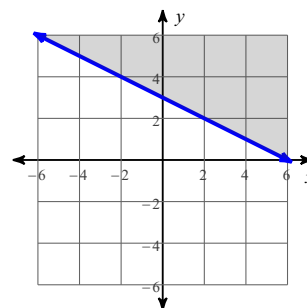
60)



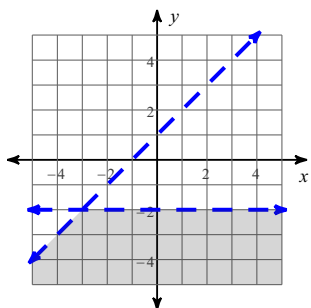
61)



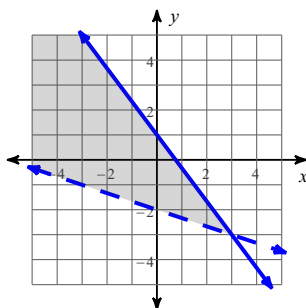
62)



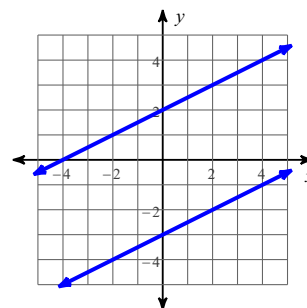
63)



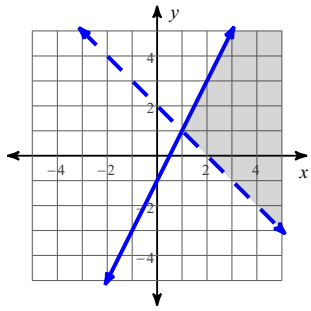
64)



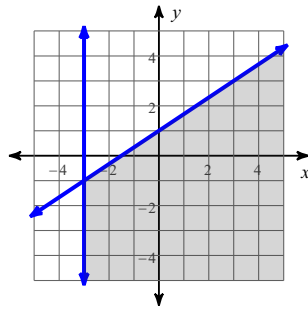
65)



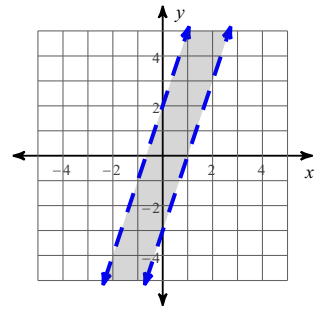
66)



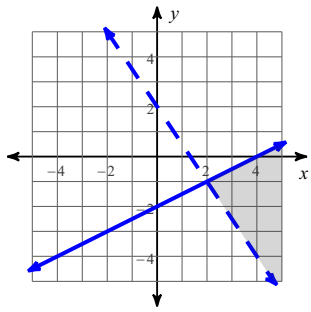
67)



68)



69)



70)

