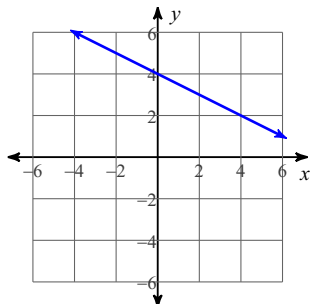


Answers to HW18: Systems and Solutions

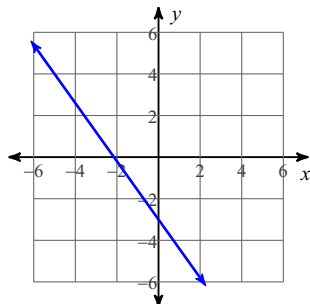
- 1) set of two or more equations with the same variables
 2) values that make all of the equations in the system true

- 3) Yes 4) No 5) Yes
 6) No
 7) Yes 8) Yes 9) No
 10) Yes
 11) Yes 12) Yes 13) No
 14) Yes

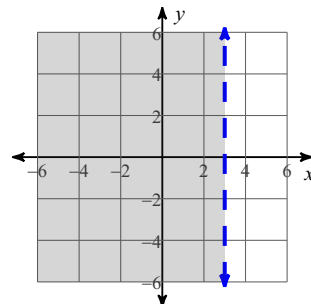
15)



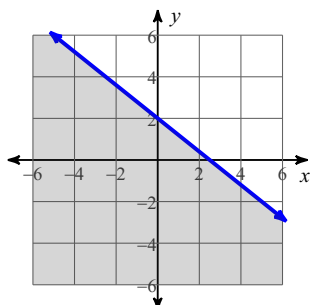
16)



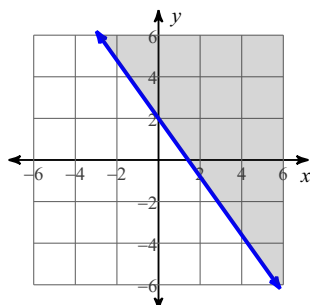
17)



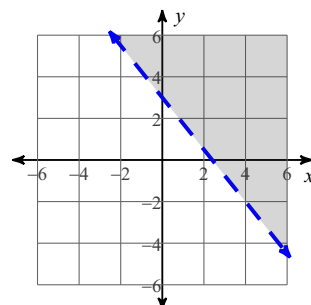
18)



19)



20)



21) $3m^3 - 5m^2 + 7m + 6$

22) $-8a^3 + 2a^2 + 16a + 14$

23) $4m^3 - 6m^2 + 9m - 5$

24) $12k^3 + 3k - 5$