

Section 8.1 answers:

- 1) see solution manual for detail 3) see solution manual for detail
5) see solution manual for detail 7) (3,2)
9) (-1, 7) 11) (3, 2) 13) (3,5)
15) inconsistent 17) inconsistent
19) Infinitely many solutions or you may write $\{(x, y) | y = -2x + 3 \text{ for any real number } x\}$
21) (3,1) 23) (41/16, 13/8) 25) (45/31, -66/31)
27) (4,0) 29) (3,5) 31) inconsistent or no solution
33) Infinitely many solutions OR you may write $\{(x, y) | y = 2x - 3 \text{ for any real number } x\}$
35) Infinitely many solutions OR you may write $\{(x, y) | y = -2x + 3 \text{ for any real number } x\}$
37) (7, -3, 4) 39) (1,2,3) 41) (-6,8,2)
43) (1,0,2) 45) you may write either inconsistent or no solution
47) you may write either inconsistent or no solution
49) *Infinitely many solutions*
51) (70, -31, 0)