

## CHAPTER 4 TEST FORM I ANSWERS

1. Yes, it is a solution.
2. Yes, it is a solution.
3. (2,3)
4. (-1,3)
5. Slope of first line is  $-2$ , y-intercept 3  
Slope of second line is  $-2$ , y-intercept  $-3$   
There are no solutions.
6. inconsistent
7. dependent
8. independent
9.  $(-2,8)$
10.  $(-3,-3)$
11.  $\left(6, -\frac{1}{3}\right)$
12. (2,1)
13. infinitely many solutions
14. (2,3)
15. no solution
16.  $\left(1, -\frac{1}{2}\right)$
17.  $(-2,-1)$
18.  $x + x = 2x$ , the solution should be (1,2)
19.  $25^\circ$
20. 74 adult tickets
21. \$7,500 in the CD
22.  $x-1$
23. below the line
24. solution

25.

