

**Section 4-2**

37.  $\frac{3}{8}$  or 0.375

38.  $\frac{3}{8}$  or 0.375

44. a.  $\frac{18}{38}$  or 0.474

b. 10 : 9

c. \$18

**Section 4-3**

5. Disjoint

6. Not disjoint

7. Not disjoint

8. Not disjoint

9. Disjoint

28.  $\frac{202}{1205} = 0.168$

29.  $\frac{1049}{1205} + \frac{84}{1205} - \frac{73}{1205} = \frac{1060}{1205} = 0.88$

39. {bb, bg, gb, gg};  $\frac{1}{2}$  or 0.5

31.  $\frac{1049}{1205} + \frac{275+278}{1205} - \frac{255+245}{1205} = \frac{1102}{1205}$   
 $= 0.915$

32.  $\frac{156}{1205} + \frac{84+251}{1205} - \frac{11+49}{1205} = \frac{431}{1205} = 0.358$