**Practice 1.6**

1. a. $\frac{1}{5}$

 b. $\frac{2}{5}$

 c. $\frac{3}{5}$

 d. $\frac{4}{5}$

2. a. $\frac{8}{19}$

 b. $\frac{4}{19}$

 c. $\frac{2}{19}$

 d. $\frac{7}{19}$

3. a. $\frac{1}{2}$

 b. $\frac{1}{3}$

 c. $\frac{1}{6}$

 d. $\frac{5}{6}$

4. a. $6$

 b. $\frac{1}{6}$

 c. $0$

 d. $\frac{1}{3}$

5. $\frac{13}{24}≈54\%$

6. $\frac{47}{70}≈67\%$

**Practice 9.7**

1. not ME

2. ME

3. ME

4. not ME

5. dependent

6. independent

7. Independent

8. Dependent

10. a. $\frac{3}{5}$

 b. $1$

 c. $\frac{7}{10}$

 d. $\frac{3}{5}$

11. a. $\frac{2}{3}$

 b. $\frac{2}{3}$

 c. $\frac{2}{3}$

 d. $\frac{1}{6}$

12. $≈70\%$

13. $12.5\%$

14. $\frac{1}{20}$

15. $0.16$

16. $\frac{1}{20}$

17. $\frac{11}{12}$

18. $55\%$

19. $38\%$