Probability/Statistics

Worksheet 4.2 B

Using a standard deck of cards, find the probability of each <u>with replacement</u>.

1. P(dia and 3)

2. P(j and a)

3. P(club and spade)

4. P(ace and 9)

Using a standard deck of cards, find the probability of each <u>without</u> <u>replacement</u>.

5. P(j and 10)

6. P(11 and heart)

7. P(2 and 2)

8. P(3 and 10 and q)

Using a standing deck of cards, find the probability.

9. P(hrt or queen)

10. P(club or spade)

11. P(5 or 4)

12. P(dia or k)

Using two fair die, find the probability of each.

13. P(3 and 6)

14. P(1 and 1)

15. P(sum of 8)

16. P(sum of 11)

Using a bag of marbles that contains 5 blue, 8 red, 6 yellow, and 1 green, find the probability of each <u>without replacement</u>.

17. P(b, r)

18. P(g, b)

19. P(r, y)

20. P(y, r)

Answer each.

21. Is it possible for P(A) = 3.4?

22. Is it possible for P(A) = 12/17?

23. If P(A) = .89, what is its complement?

24. P(not A) = .71, what is P(A)?