Name _____   Date _____

Addition Rule of Probability - Independent Practice Worksheet

Complete all the problems.

1. In a group of 92 students 40 have brown eyes and 35 have hazel eyes. Find the probability that a student picked from this group at random either has hazel or brown eyes?

2. John is playing cards. What is probability of pulling an ace or queen from the deck?

3. In a group of 62 students; 27 are normal, 13 are abnormal, and 32 are normal abnormal. Find the probability that a student picked from this group at random is either a normal or abnormal?

4. George is playing cards. What is probability of pulling an ace or jack from the deck?

5. In a group of 100 people; 19 were drinking punch and 23 were eating fish. Find the probability that a people picked from this group at random is either drinking punch or eating fish?

6. A bag contains 19 chocolates; 5 are milk chocolate, 7 are kit kats, and 7 are bourville chocolate. If a chocolate is selected at random, what is the probability that the chocolate chosen is either milk chocolate or a kit kat?

7. In a group of 100 people; 25 were regular apple eaters and 35 did not like apples. Find the probability that a people picked from this group at random is either a regular apples eater or did not like apples?

8. In a group of 100 people; 25 were playing cricket and 23 were playing football. Find the probability that a student picked from this group at random is either playing cricket or football?

9. In a group of 72 girls; 18 are married and 41 are unmarried. Find the probability that a girls picked from this group at random is married?

10. In a group of 45 boys; 17 own laptop, 19 own desktop computers, and 7 own both. Find the probability that a boy picked from this group at random owns either a laptop or a desktop computer?