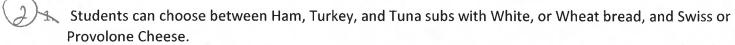
Module 8 Test Review (Complete all work on lined paper)

Questions 1-3 Make a tree-Diagram to find each probability.

There are two bags with 4 cards in each. The first bag has cards 1-4. The second bag has a green, yellow, red, and blue card. Find the probability that someone will choose a green and a 4. Find the probability someone will not choose a blue card.



- a. What is the probability of a student choosing a Turkey sub with White bread and Provolone Cheese?
- b. What is the probability of a student NOT choosing Provolone Cheese
   Customers can choose between Small, Medium, or Large Pizzas with or without Pepperoni.
  - a. What is the probability that someone will order a small pepperoni pizza?
  - b. What is the probability that someone will order a pizza with Pepperoni? A spinner with 4 equal parts (Green, Yellow, Red, and Blue) is spun. At the same time a standard number cube is tossed.
    - a. What is the probability that someone will spin a Red and toss a 4?
    - b. What is the probability that someone will not spin a blue and will roll an even number?
    - c. What is the probability of spinning a blue and tossing a 3?
    - d. What is the probability of spinning a blue or tossing a 3?

Two people will be selected from a group of 5 for free tickets to a movie. If Kevin, Lilly, Adam, Cole, and Nati are in the group, what is the probability that Adam will be selected? Identify the sample space.

A bag contains 8 red marbles, 3 blue marbles, and 6 green marbles. Find each probability

6 5. P(red)

76. P(not green)

& 7. Complement of blue

9 8. P(yellow)

A spinner numbered 1-6 is spun 3 times. Find each compound probability

/O9. P(1,1,3)

[[ 10. P(even, odd, 4)

11. Probability of spinning a 6 at least twice.

Two standard number cubes are tossed. Find each probability

12. Sum is at least 5

14 13. Product is an even number

15 14. Rolling a 4 and then an even

15. Rolling a 3 and then a 2.

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- Ham wheat swiss

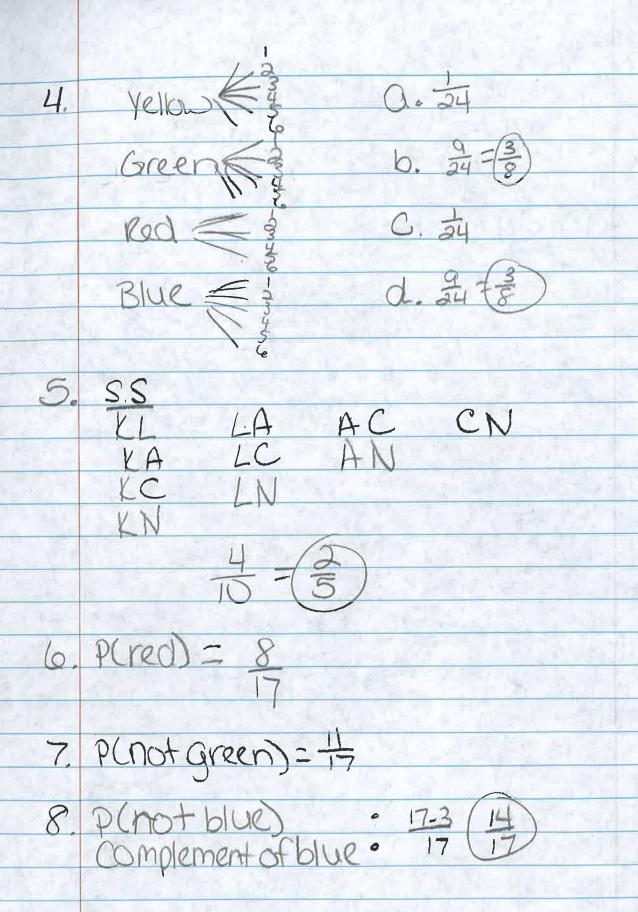
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- Turkey white wiss

- Turkey white of prov

- Torne white prov. 3



9. P(yellow)=0 you can draw a tree diagram 10. P(1,1,3) = 6.6.6 = alle 11. (P(even, odd, 4) = j.j. = 1 12. P(6 Gt least twice): 1. 1. 6 - 6 - 10 - 36 13, (refer to table in notes) 234567 4 56789 5678910 6089011 7/8/9/0/11/12 14 (A) (B) (B) (A) 3(6)9(12)5(8) (H) (B) (B) (B) (B) (B) 5(10)15(20)2+30) (0 (6) 12 (18) 12480 BLO

