If you have 4 red marbles, 3 green marbles and 7 yellow ones, what is the probability that you will draw a red marble?

4+7+3=4

4-3-7

What is the probability when rolling one die two times that you get a 2 the first time and a 5 the second time?

May 7-8:14 AM

May 7-8:15 AM

If you roll a dice three times, what is the probability that you will roll a 1 all three times?

A bag of marbles contains 3 red, 5 orange, and 4 blue marbles. What is the probability of randomly selecting a marble that is not blue?

May 7-8:16 AM

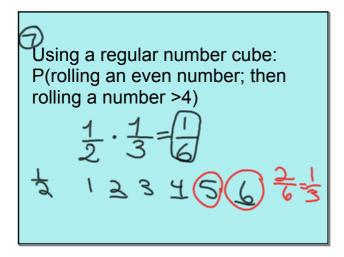
May 7-8:17 AM

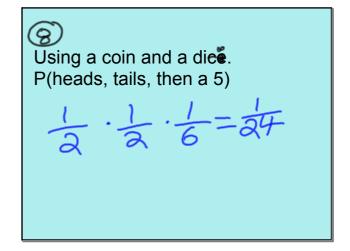
If 3 out of 5 people prefer pizza over chicken, how many people out of 100 would prefer pizza?



If you have 4 shirts, 3 pairs of pants and 5 pairs of shoes, how many outfits can you make?

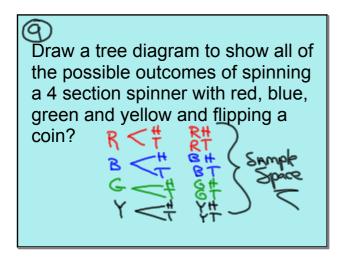
4×3×5=60outfits





May 7-8:30 AM

May 7-11:19 AM

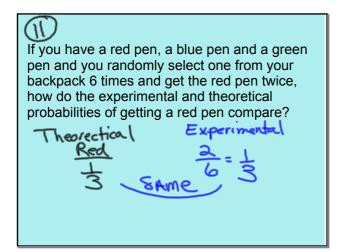


0

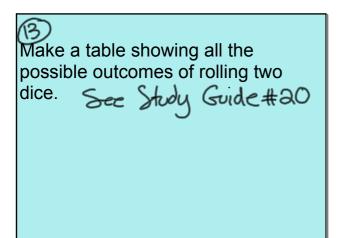
How many possible dinner choices are there if you select one from each category? 4 entrees, 3 drinks, and 4 desserts

May 7-12:06 PM

May 7-2:54 PM



At Hightower 3/4 of all students have a music class and 1/2 of all students are in PE. If a student is picked at random, what is the probability that they will have music and PE? P(Music and PE)

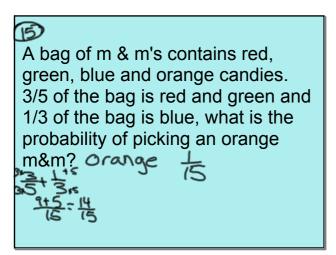


14 If Debra has 4 skirts, 10 shirts, and 5 scarves how many possible combinations of outfits can she create?

4 x 10 x 5 = 200 outfile

May 7-3:09 PM

May 7-3:33 PM



4. 2/3

ANSWER KEY

1. 2/7 2. 1/36 3. 1/216

5. 60 people 6. 60 outfits

7. 1/6 8. 1/24

9. R..H,T

B..H,T

G..H,T

Y..H,T

10. 48 choices

11. the probabilities are the same 1/3

12. 3/8

13. see table on study guide question #20

14. 200 outfits 15. 1/15 orange

May 7-3:44 PM

May 7-3:36 PM