

Name: _____ Period: _____ Date: _____

Theoretical and Experimental Probability Assignment

Solve problems involving Theoretical Probability.

1. What is the probability of drawing a jack in 52 deck of card?

2. What is the probability of getting an even number in tossing a die?

3. What is a probability of drawing a red card in a 52 deck of card?

4. What is the probability of getting a number greater than 4 in tossing a die?

In rolling a pair of dice

5. What is the probability of getting a sum of 6?

6. What is the probability of getting a sum less than 6?

7. What is the probability of getting greater than 10?

8. What is the probability of getting a number less than 5?

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Theoretical and Experimental Probability Assignment

In tossing a pair of coin

9. What is the probability of getting both heads?

10. What is the probability of getting a head and a tail?

11. What is the probability of not getting both tails?

There are 5 green balls, 3 blue balls and 2 red balls inside a box.

12. What is the probability of drawing a green ball?

13. What is a probability of a blue ball?

14. What is the probability of not getting a red ball?

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Theoretical and Experimental Probability Assignment

From a deck of cards, three cards are drawn at random. What is the probability that:

15. All three are kings?

16. All three spades?

17. All three black?

18. What is the probability of getting a face card?

In tossing 3 coins

19. What is the probability of at least 2 heads?

20. What is the probability of at most 2 tails?