Topic: Probability of a Complement of an Event-Worksheet 3

2.

8.

Do the following:

1. You roll four die. What is the probability that 3 will not appear on the die?

on the die?

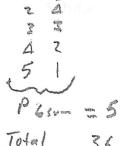
P(n+3, not3, not3) = P(not3) × (not3) × (not

- 3. Ronny and Monee are playing 4. cricket. Probability of Ronny winning the cricket game is .55.

 So what is the probability of Monee winning?
- 5. A box contains 5 blue, 7 black, 6. and 10 red pens. If ten pens are chosen at random from the box, what is the probability that it is not red?
- 7. If three o-sided dies are rolled, what is the probability of rolling a number that is not 2 or 4?

9. You roll two dies numbered from 1 to 6. What is the probability that the sum is not 6?





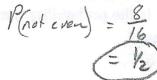
woman chooses an item at random from 2

suits and 14 skirts. What is the probability that the woman chooses an item that is not a suit?

The suits are suits and 14 skirts. What is the probability that the woman chooses an item that is not a suit?

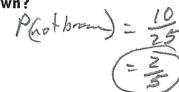
A number from 10 to 25 is chosen at random.

What is the probability that the number chosen is not even?



A single card is chosen at random from a standard deck of 52 playing cards. What is the probability of choosing a card that is not a black card?

10. There are 25 stones in a jar and 15 of them are brown. If a stone is chosen at random, what is the probability that it will not be brown?



15 brown 25 total 10 Not has