

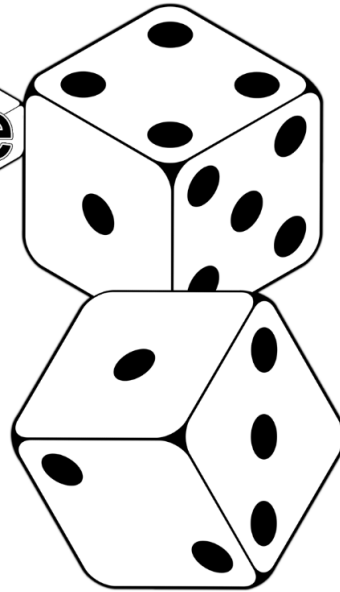
Probability

Probability with Dice

Probability of rolling a 2 or lower on a 6-sided die.
 $1/6 + 1/6 = 2/6 = 1/3$

Probability of rolling a 2 or higher on a 6-sided die.
 $1/6 + 1/6 + 1/6 + 1/6 + 1/6 = 5/6$

Probability of rolling a 7 or higher on a 12-sided die.
 $1/12 + 1/12 + 1/12 + 1/12 + 1/12 + 1/12 = 6/12 = 1/2$



Probability with Cards

52 cards are in a standard deck of cards.

How many red cards are in a standard deck of cards?
 $26/52$

How many suits are in a standard deck of cards?
4 suits. Clubs, Spades, Hearts, and Diamonds

How many face cards in a standard deck of cards?

There are 3 face cards per suit. Therefore, there are 12 face cards in a standard deck of cards

