

Probability

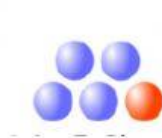
In a game the more likely the probability the less reward.

In a game the less likely the probability the greater the reward.

Calculate the probability and mark the event with greatest reward with a X



Flipping a H



Drawing a Blue



Rolling a 6

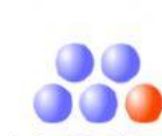


Spinning a Blue

Mark the event with the smallest reward with a X



Flipping a H



Drawing a Blue



Rolling a 6



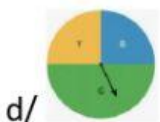
Spinning a Blue

Show probability as a fraction

a/ The probability of tossing two coins and getting HH = 1 out of 4 _____

b/ The probability of rolling two dice and getting 6 / 6 = 1 out of 36 _____

c/ The probability of rolling two dice and getting a double = 1 out of 6 _____



d/

The probability of spinning blue twice in a row on this spinner = 1 out of 16 _____

Which event above should have the greatest reward ? a/ b/ c/ d/

Which event above should have the least reward ? a/ b/ c/ d/

Which chance experiment below have an unequal chance of occurring?

Mark with an X



What is the probability of drawing a red counter without looking in 2d/ ? ---

What is the probability of rolling a 1 on a dice ? ---

What is the probability of rolling an odd number on a dice ? ---

What is the probability of rolling a 1 or a 5 on a dice ? ---

What is the probability of spinning a yellow on the spinner? ---

Mark an X on the numberline the probability of these events happening.



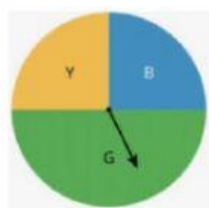
The probability of tossing a H



The probability of drawing a RED

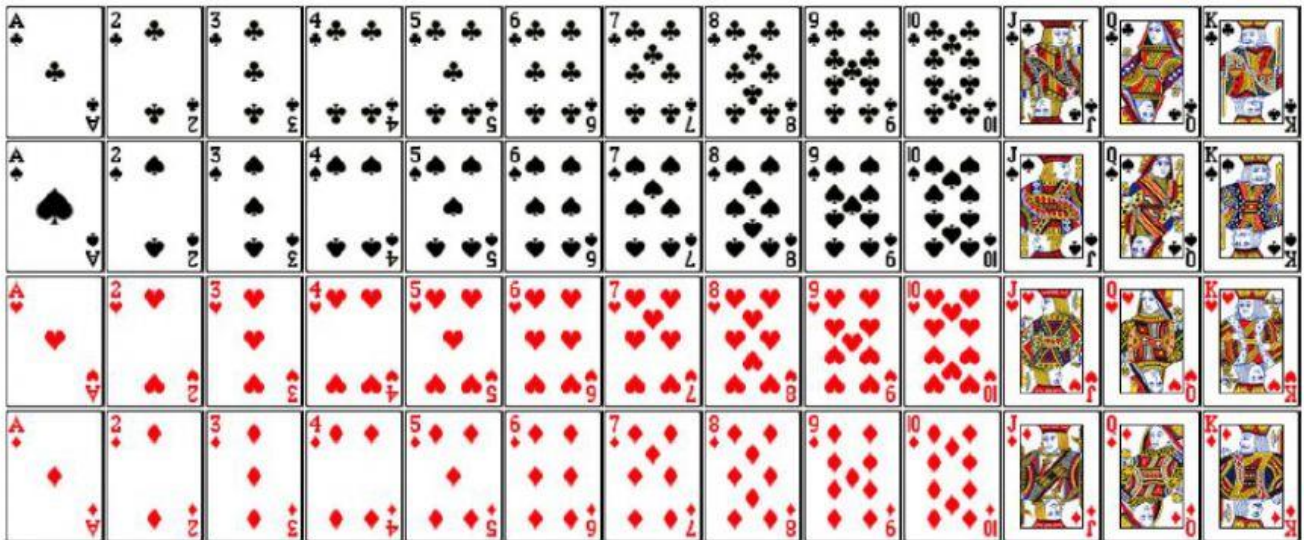


The probability of rolling a 6



The probability of spinning GREEN





The probability of drawing an ACE $0 \text{ --- } \frac{1}{13} \text{ --- } \frac{2}{13} \text{ --- } \frac{3}{13} \text{ --- } \frac{4}{13} \text{ --- } \frac{5}{13} \text{ --- } \frac{6}{13} \text{ --- } \frac{7}{13} \text{ --- } \frac{8}{13} \text{ --- } \frac{9}{13} \text{ --- } \frac{10}{13} \text{ --- } \frac{11}{13} \text{ --- } \frac{12}{13} \text{ --- } 1$

The probability of drawing a PICTURE card $0 \text{ --- } \frac{1}{13} \text{ --- } \frac{2}{13} \text{ --- } \frac{3}{13} \text{ --- } \frac{4}{13} \text{ --- } \frac{5}{13} \text{ --- } \frac{6}{13} \text{ --- } \frac{7}{13} \text{ --- } \frac{8}{13} \text{ --- } \frac{9}{13} \text{ --- } \frac{10}{13} \text{ --- } \frac{11}{13} \text{ --- } \frac{12}{13} \text{ --- } 1$

The probability of drawing a RED card $0 \text{ --- } \frac{1}{2} \text{ --- } \frac{2}{2} \text{ --- } \frac{3}{2} \text{ --- } \frac{4}{2} \text{ --- } \frac{5}{2} \text{ --- } \frac{6}{2} \text{ --- } \frac{7}{2} \text{ --- } \frac{8}{2} \text{ --- } \frac{9}{2} \text{ --- } \frac{10}{2} \text{ --- } \frac{11}{2} \text{ --- } \frac{12}{2} \text{ --- } 1$

The probability of drawing a DIAMOND $0 \text{ --- } \frac{1}{4} \text{ --- } \frac{2}{4} \text{ --- } \frac{3}{4} \text{ --- } \frac{4}{4} \text{ --- } \frac{5}{4} \text{ --- } \frac{6}{4} \text{ --- } \frac{7}{4} \text{ --- } \frac{8}{4} \text{ --- } \frac{9}{4} \text{ --- } \frac{10}{4} \text{ --- } \frac{11}{4} \text{ --- } \frac{12}{4} \text{ --- } 1$

The probability of drawing a RED or BLACK $0 \text{ --- } \frac{1}{2} \text{ --- } \frac{2}{2} \text{ --- } \frac{3}{2} \text{ --- } \frac{4}{2} \text{ --- } \frac{5}{2} \text{ --- } \frac{6}{2} \text{ --- } \frac{7}{2} \text{ --- } \frac{8}{2} \text{ --- } \frac{9}{2} \text{ --- } \frac{10}{2} \text{ --- } \frac{11}{2} \text{ --- } \frac{12}{2} \text{ --- } 1$

The probability of drawing a GREEN card $0 \text{ --- } \frac{1}{4} \text{ --- } \frac{2}{4} \text{ --- } \frac{3}{4} \text{ --- } \frac{4}{4} \text{ --- } \frac{5}{4} \text{ --- } \frac{6}{4} \text{ --- } \frac{7}{4} \text{ --- } \frac{8}{4} \text{ --- } \frac{9}{4} \text{ --- } \frac{10}{4} \text{ --- } \frac{11}{4} \text{ --- } \frac{12}{4} \text{ --- } 1$

