PROBABILIDAD

Guía de Estudio

Exercises:

1. On Noah's baseball team, 3 out of the 12 players are left-handed. If a player is chosen at random, what is the probability the player is right-handed?

2. Amanda has a jar full of marbles. The probability of randomly selecting a blue marble is $\frac{1}{18}$, a red marble is $\frac{1}{9}$, a green marble is $\frac{1}{3}$, and a yellow marble is $\frac{1}{2}$. Which marble is Amanda ***least likely*** to randomly select?

3. Jacob rolls a number cube numbered 1 to 6. What is the likelihood Jacob rolls a number less than 7?

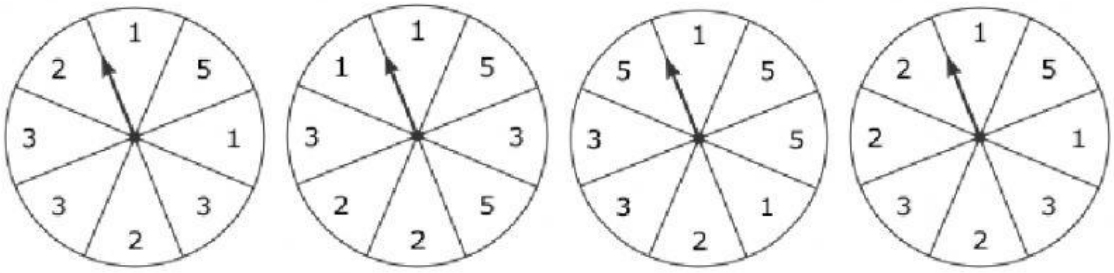
4. A jar contains pink, white, purple, and yellow jellybeans. The probability of choosing three of the four colors is shown in the table below.

Color of Jelly Bean	Probability of Choosing Color
pink	$\frac{2}{8}$
white	$\frac{1}{8}$
purple	$\frac{3}{8}$

If a student pulls out a jellybean without looking, what is the probability that the jellybean will be yellow?

5. Mrs. Reed has a bag full of crayons for her classroom. In the bag, there were 10 of each color: blue, yellow, green, brown, red, and black. Students have removed 3 black, 9 blue, 4 brown, 1 green, 5 red, and 8 yellow crayons. What is the likelihood the next crayon randomly selected will be yellow?

6. Which spinner has a greater likelihood of landing on 5 rather than 3?



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