



Degree of Likelihood

► Melanie put 3 yellow buttons, 6 red buttons, 2 blue buttons, and 1 green button into a bag. Mikel draws one button out of the bag each time. Answer the questions below.

1. What is the chance that Mikel will pull out each color?
 yellow _____ chance out of _____
 blue _____ chance out of _____
 red _____ chance out of _____
 green _____ chance out of _____



2. Which color is Mikel most likely to pull out? _____
 Which color is Mikel least likely to pull out? _____
3. If Melanie wanted to make the chance of getting a blue button even with the chance of getting a green button, what should she do? _____
4. If Melanie wanted each button to have an equal chance of being drawn, what could she do?

5. If Mikel were to pull out a yellow button on his first turn and keep it out of the bag, what will the chance be for each color on his next turn?

- yellow _____ chance out of _____
 blue _____ chance out of _____
 red _____ chance out of _____
 green _____ chance out of _____

