

Lesson 16 (Probability Review) A bag of M & M candies contains the following number of colored M & Ms:

blue	brown	green	yellow	red	orange	total
3	8	2	1	5	4	23

Two M & Ms are selected at random (without replacement) from the bag. Answer the following questions.

Hint: Define the following events:

G_1 – First M&M selected is green.

G_2 – Second M&M selected is green.

- (a) What is the probability that the first M & M selected is green?
 - (b) What is the probability that the second M & M selected is green, given that the first one selected was green?
 - (c) Compute the probability that both M & Ms selected are green.
 - (d) What is the probability that the first M & M selected was green, given that the second one selected is green?
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