

A bag contains 12 candy bars: 7 Milky Way, 3 Almond Joy, and 2 Mars. You pick 3 at random.

1. Find the probability that all three are Milky Way.
2. Find the probability that two are Milky Way and one is Almond Joy.
3. Find the probability that two are Almond Joy and one is Mars.
4. Find the probability you get one of each.