Giving away an unknown number of chocolates

- The volunteer is given a bag of chocolates. The volunteer needs to give all of them away one by one but **doesn't know** how many there are in the bag

Bag not empty? **True**

Take a chocolate out of the bag and give it away

Bag not empty? **True**

Take a chocolate out of the bag and give it away

Bag not empty? **True**

Take a chocolate out of the bag and give it away

Bag not empty? **True**

Take a chocolate out of the bag and give it away

Bag not empty? **False**