Ms. Rhee’s math class was studying statistics. She brought in three bags containing Red and Blue marbles. The three bags were labeled as shown below:

   

 75 Red 40 Red 100 Red

 25 Blue 20 Blue 25 Blue

 Bag *x* Bag *y* Bag *z*

 Total=100 Total=60 Total=125

Ms. Rhee shook each bag. She asked the class, “If you close your eyes, reach into a bag, and remove 1 marble, which bag would give you the best chance of picking a blue marble?”

1. **Which bag would you choose**?
2. **Explain why this bag gives you the best chance of picking a blue marble. You may use the diagrams above in your explanation.**