**Which Program Would You Pick?**

You work for the Centers for Disease Control and there is an outbreak of deadly disease called “the Asian Flu” in a town of six hundred people. All six hundred people in the town are expected to die if you do nothing. Someone has come up with two different programs designed to fight the disease:

* Blue program: Two hundred people in the town will be saved.
* Purple program: There is a 1/3 probability that six hundred people will be saved and a 2/3 probability that no people will be saved.

Would you pick the blue program or the purple program?