You have two boxes:

- Box 1 contains 80 red balls and 20 blue balls.
- Box 2 contains 30 red balls and 70 blue balls.

You randomly choose one box, and then randomly pick a ball from the chosen box.

- The probability of choosing Box 1 is 0.5, and the probability of choosing Box 2 is also 0.5.
- After picking a ball from the selected box, the result is either red or blue.

If a red ball is drawn, what is the probability that it was drawn from Box 1?