

Q You are given a bag with 10 marbles in it: 2 are red, 3 are green, 4 are blue and 1 is yellow.

~~pulling 1 red marble out of the bag~~

Bob said the probability of pulling a red marble is  $\frac{2}{10}$ . Joe says the probability of pulling a blue marble is  $\frac{4}{10}$ . Who is correct? Explain your reasoning.