Let B1, B2, B3 be the 151, 2nd & 3rd bogs Choosen and We know, P(B1) = P(B2) = P(B3) = Balle O'd O 4pp putrups white green (a) 9. (a) 9 = (a) 9. (a) 9 Br 3 tip in proposito & Probability a drawing ne while and ball from bag 1, (flut bag)

$$P(A|B_2) = \frac{2c_1 \times 3c_1}{6c_2} = \frac{2}{5}$$

$$P(A|B_3) = \frac{3c_1 \times |c_1|}{6c_2} = \frac{1}{5}.$$

By Baye's theorem, noe have
$$P(B2|A) = \frac{P(B2) P(A|B2)}{P(B) P(A|B2) + P(B2) P(A|B2) + P(B3) P(A|B2)}$$