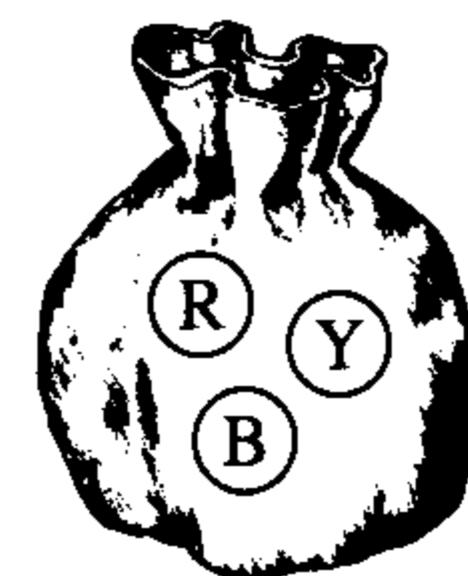


Exercise 4

1. A bag contains a red ball, a blue ball and a yellow ball. One ball is chosen at random. Copy and complete these sentences.

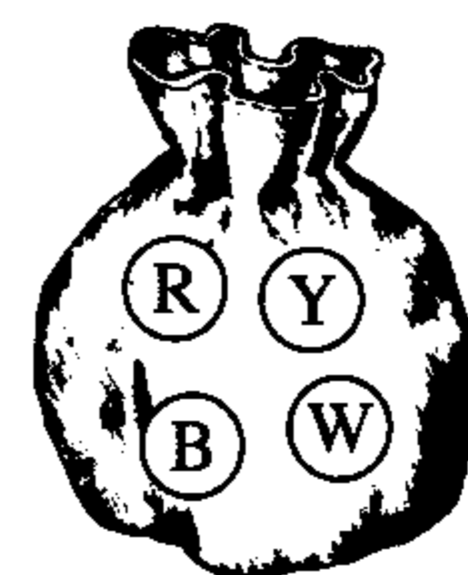


(a) The probability that the red ball is chosen is ... $\frac{\square}{3}$

(b) The probability that the blue ball is chosen is ... $\frac{\square}{\square}$

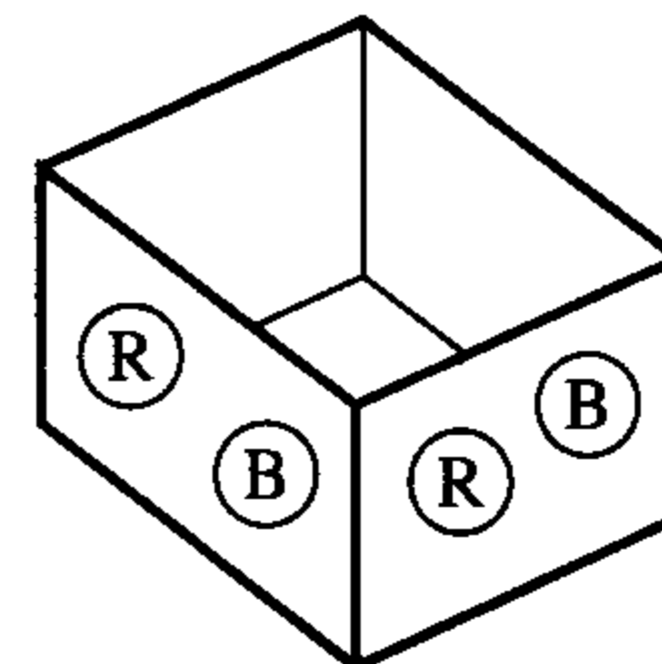
(c) The probability that the yellow ball is chosen is ... $\frac{\square}{\square}$

2. One ball is chosen at random from a bag which contains a red ball, a blue ball, a yellow ball and a white ball. Write down the probability that the chosen ball will be



(a) red (b) blue (c) yellow.

3. One ball is chosen at random from a box which contains 2 red balls and 2 blue balls. Write down the probability that the chosen ball will be



(a) red.
(b) blue.
(c) yellow.

4. A hat contains 2 white balls and 1 black ball. One ball is chosen at random. Find the probability that it is



(a) white.
(b) black.

5. A pencil case contains pencils of the following colours:- 6 red, 3 black, 1 green and 1 blue. One pencil is selected without looking. Find the probability that the pencil is

(a) red.
(b) black.
(c) green.

6. I roll an ordinary dice.
Find the probability that I score



(a) 3
(b) 1
(c) less than 5