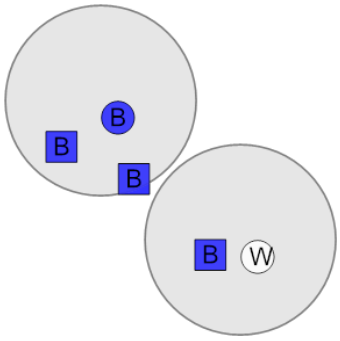
mobius

Math worksheet on *'Probability - Shapes, Two Sets of Two Shapes, Two Colors - Pick Two by Shape and Color, To Fraction (Level 1)'*. Part of a broader unit on *'Probability and Counting - Multiple Events - Intro'*

Learn online:

app.mobius.academy/math/units/probability_counting_multiple_event_intro/

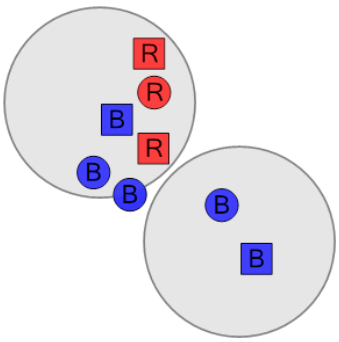
1 What is the chance of drawing a blue square at random from both bags?



a $\frac{2}{5}$ b $\frac{3}{6}$ c $\frac{2}{6}$

d $\frac{4}{5}$ e $\frac{1}{4}$ f $\frac{1}{2}$

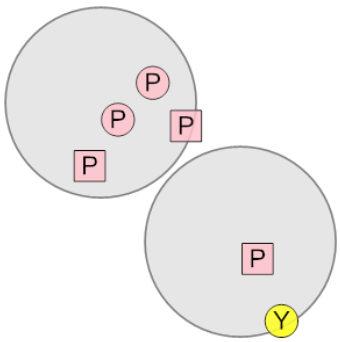
2 What is the chance of drawing a blue circle at random from both bags?



a $\frac{4}{8}$ b $\frac{2}{12}$ c $\frac{2}{10}$

d $\frac{4}{6}$ e $\frac{2}{5}$ f $\frac{3}{6}$

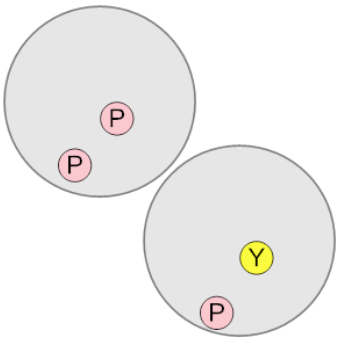
3 What is the chance of drawing a pink circle at random from both bags?



a $\frac{1}{6}$ b $\frac{1}{10}$ c $\frac{1}{3}$

d 0 e $\frac{1}{2}$ f $\frac{1}{5}$

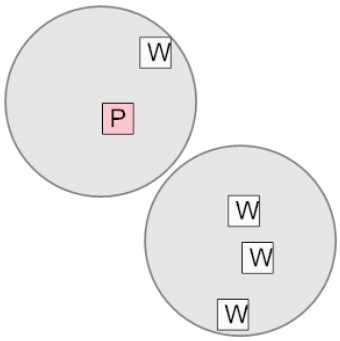
4 What is the chance of drawing a pink circle at random from both bags?



a $\frac{2}{4}$ b $\frac{1}{3}$ c $\frac{1}{10}$

d $\frac{2}{2}$ e $\frac{2}{10}$ f $\frac{1}{4}$

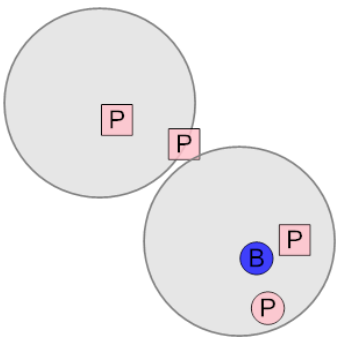
5 What is the chance of drawing a white square at random from both bags?



a $\frac{3}{6}$ b $\frac{5}{8}$ c $\frac{5}{5}$

d $\frac{1}{6}$ e $\frac{4}{4}$ f $\frac{4}{5}$

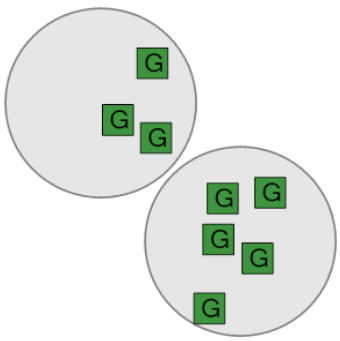
6 What is the chance of drawing a pink square at random from both bags?



a $\frac{1}{4}$ b $\frac{2}{6}$ c $\frac{5}{8}$

d $\frac{2}{8}$ e $\frac{4}{6}$ f $\frac{2}{2}$

7 What is the chance of drawing a green square at random from both bags?



a $\frac{1}{3}$ b $\frac{2}{8}$ c $\frac{2}{10}$

d $\frac{5}{6}$ e $\frac{15}{15}$ f $\frac{8}{10}$