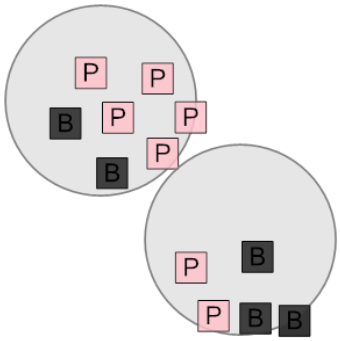
mobius

Math worksheet on *'Probability - Shapes, Two Sets of Two Shapes, Two Colors - Pick Two by Shape and Color, To Fraction (Level 2)'*. Part of a broader unit on *'Probability and Counting - Multiple Events - Practice'*

Learn online:

app.mobius.academy/math/units/probability_counting_multiple_event_practice/

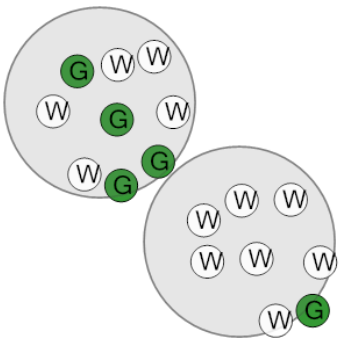
1 What is the chance of drawing a pink square at random from both bags?



a $\frac{2}{2}$ b $\frac{10}{35}$ c $\frac{4}{4}$

d $\frac{1}{2}$ e $\frac{1}{5}$ f $\frac{6}{6}$

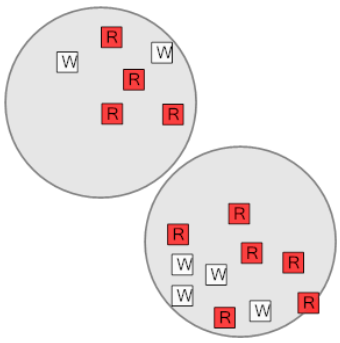
2 What is the chance of drawing a white circle at random from both bags?



a $\frac{1}{5}$ b $\frac{2}{3}$ c $\frac{35}{72}$

d $\frac{3}{4}$ e $\frac{2}{10}$ f $\frac{5}{8}$

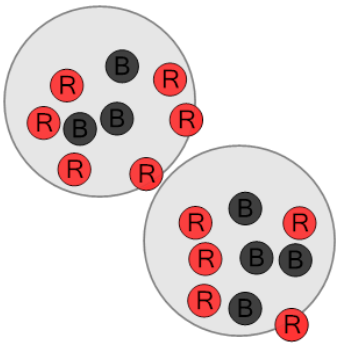
3 What is the chance of drawing a red square at random from both bags?



a $\frac{4}{6}$ b $\frac{24}{60}$ c $\frac{3}{5}$

d $\frac{1}{4}$ e $\frac{1}{6}$ f $\frac{2}{3}$

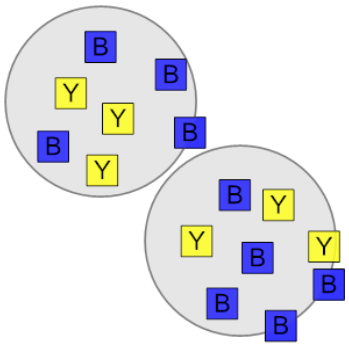
4 What is the chance of drawing a black circle at random from both bags?



a $\frac{3}{4}$ b $\frac{4}{10}$ c $\frac{3}{6}$

d $\frac{2}{5}$ e $\frac{12}{81}$ f $\frac{6}{8}$

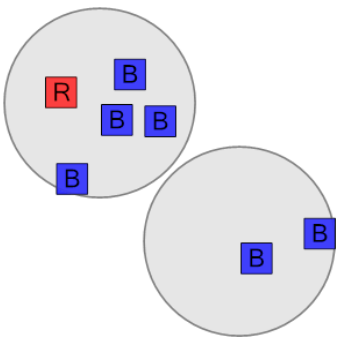
5 What is the chance of drawing a yellow square at random from both bags?



a $\frac{4}{6}$ b $\frac{3}{3}$ c $\frac{9}{56}$

d $\frac{6}{10}$ e $\frac{2}{4}$ f $\frac{6}{8}$

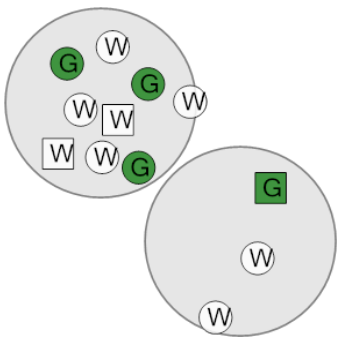
6 What is the chance of drawing a blue square at random from both bags?



a $\frac{6}{8}$ b $\frac{7}{8}$ c $\frac{1}{4}$

d $\frac{3}{10}$ e $\frac{3}{4}$ f $\frac{8}{10}$

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



a $\frac{1}{3}$ b $\frac{1}{8}$ c $\frac{1}{5}$

d 0 e $\frac{1}{6}$ f $\frac{1}{2}$