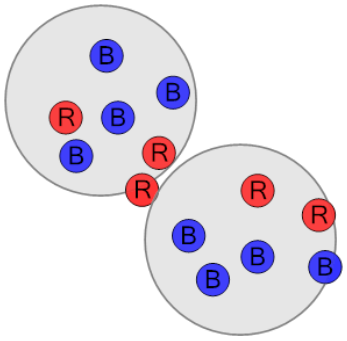
mobius

Math worksheet on *'Probability - Shapes, Two Sets of One Shape, Two Colors - Pick Two by 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/

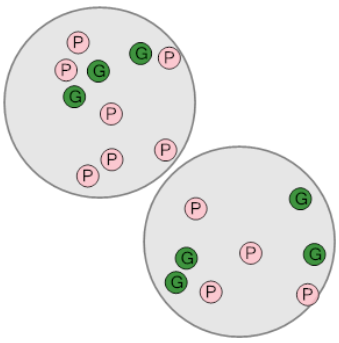
1 What is the chance of drawing a blue shape at random from both bags?



a $\frac{2}{4}$ b $\frac{5}{5}$ c $\frac{16}{42}$

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

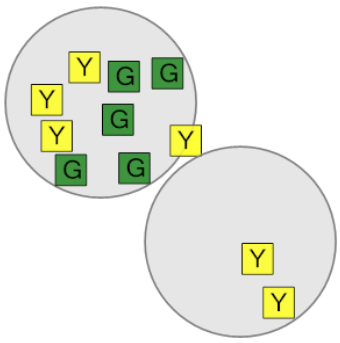
2 What is the chance of drawing a pink shape at random from both bags?



a $\frac{7}{8}$ b $\frac{3}{5}$ c $\frac{2}{3}$

d $\frac{28}{80}$ e $\frac{2}{2}$ f $\frac{3}{3}$

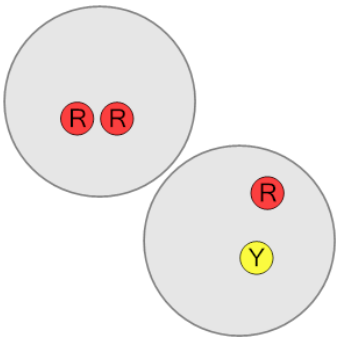
3 What is the chance of drawing a green shape at random from both bags?



a $\frac{1}{5}$ b $\frac{1}{2}$ c 0

d $\frac{1}{8}$ e $\frac{1}{4}$ f $\frac{1}{3}$

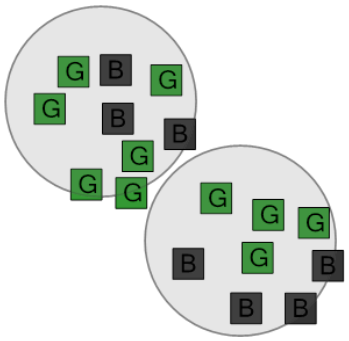
4 What is the chance of drawing a red shape at random from both bags?



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

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

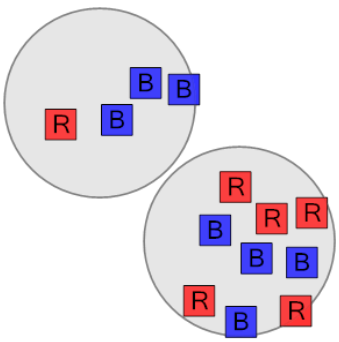
5 What is the chance of drawing a black shape at random from both bags?



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

d $\frac{2}{4}$ e $\frac{12}{72}$ f $\frac{5}{6}$

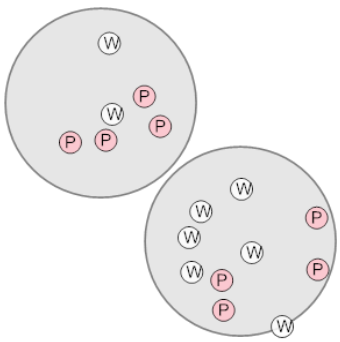
6 What is the chance of drawing a blue shape at random from both bags?



a $\frac{2}{2}$ b $\frac{1}{6}$ c $\frac{1}{2}$

d $\frac{12}{36}$ e $\frac{6}{10}$ f $\frac{2}{3}$

7 What is the chance of drawing a pink shape at random from both bags?



a $\frac{3}{10}$ b $\frac{16}{60}$ c $\frac{2}{5}$

d $\frac{8}{10}$ e $\frac{6}{8}$ f $\frac{3}{3}$