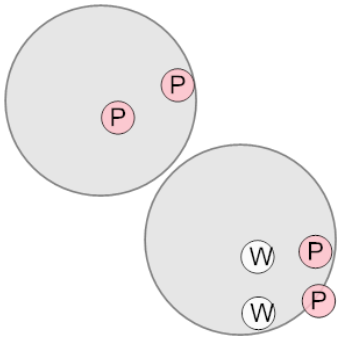
mobius

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

Learn online:

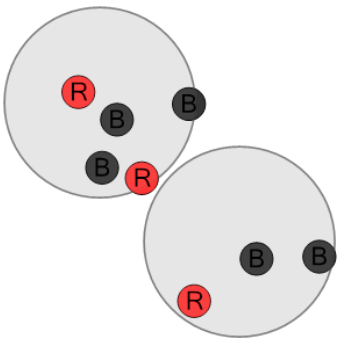
app.mobius.academy/math/units/probability_counting_multiple_event_intro/

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



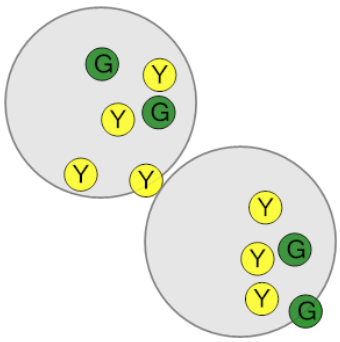
a $\frac{1}{5}$ b $\frac{2}{5}$ c $\frac{3}{3}$ d $\frac{5}{5}$ e $\frac{4}{8}$ f $\frac{2}{8}$

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



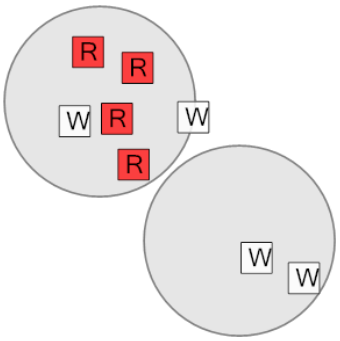
a $\frac{3}{4}$ b $\frac{2}{4}$ c $\frac{3}{3}$ d $\frac{5}{8}$ e $\frac{7}{10}$ f $\frac{6}{15}$

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



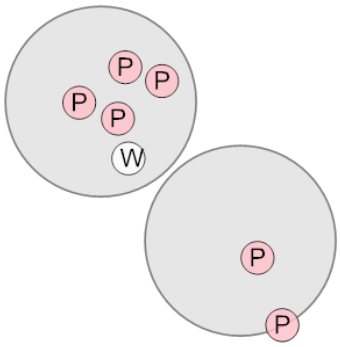
a $\frac{12}{30}$ b $\frac{4}{5}$ c $\frac{2}{3}$ d $\frac{2}{4}$ e $\frac{2}{2}$ f $\frac{5}{6}$

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



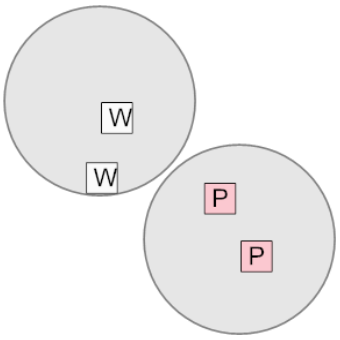
a $\frac{1}{3}$ b 0 c $\frac{1}{2}$ d $\frac{1}{10}$ e $\frac{1}{6}$ f $\frac{1}{8}$

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



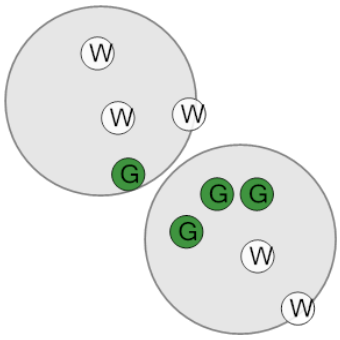
a $\frac{3}{3}$ b $\frac{1}{4}$ c $\frac{3}{10}$ d $\frac{10}{10}$ e $\frac{8}{10}$ f $\frac{2}{8}$

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



a $\frac{1}{4}$ b $\frac{1}{6}$ c $\frac{1}{2}$ d $\frac{1}{3}$ e $\frac{1}{10}$ f 0

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



a $\frac{4}{5}$ b $\frac{3}{6}$ c $\frac{2}{2}$ d $\frac{6}{20}$ e $\frac{4}{10}$ f $\frac{1}{3}$