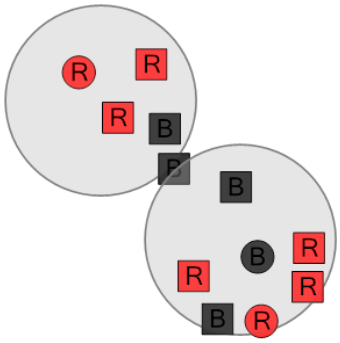
mobius

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

Learn online:

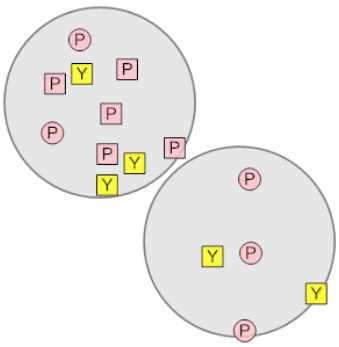
app.mobius.academy/math/units/probability_counting_multiple_event_practice/

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



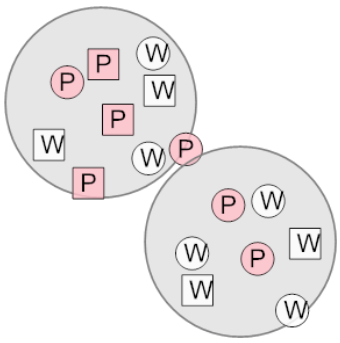

a $\frac{8}{8}$ b $\frac{6}{35}$ c $\frac{6}{10}$ d $\frac{4}{10}$ e $\frac{3}{3}$ f $\frac{6}{8}$

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



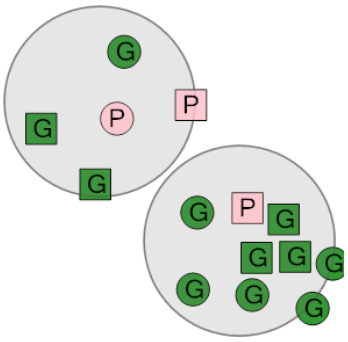

a $\frac{4}{4}$ b $\frac{9}{10}$ c $\frac{6}{50}$ d $\frac{2}{2}$ e $\frac{1}{3}$ f $\frac{1}{6}$

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



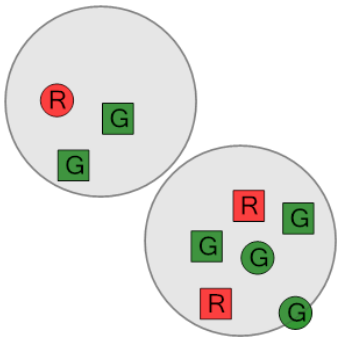

a $\frac{20}{63}$ b $\frac{1}{6}$ c $\frac{2}{4}$ d $\frac{4}{10}$ e $\frac{2}{3}$ f $\frac{3}{8}$

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



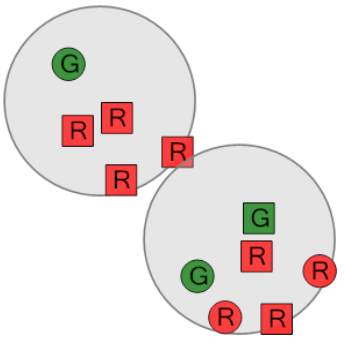

a $\frac{1}{2}$ b $\frac{2}{45}$ c $\frac{3}{3}$ d $\frac{1}{3}$ e $\frac{4}{10}$ f $\frac{2}{2}$

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



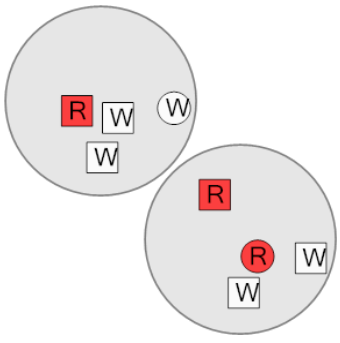

a $\frac{5}{6}$ b $\frac{3}{8}$ c $\frac{3}{3}$ d $\frac{1}{6}$ e $\frac{8}{18}$ f $\frac{2}{2}$

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




a $\frac{2}{4}$ b $\frac{2}{2}$ c $\frac{16}{30}$ d $\frac{1}{3}$ e $\frac{5}{10}$ f $\frac{3}{4}$

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




a $\frac{4}{6}$ b $\frac{2}{2}$ c $\frac{6}{16}$ d $\frac{2}{5}$ e $\frac{4}{4}$ f $\frac{2}{3}$