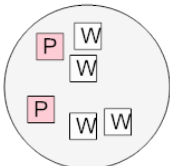
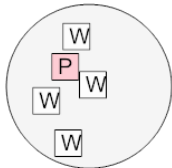


Probability - Shapes, Two Sets of One Shape, Two Colors - Pick Two by Color, To Fraction Equation

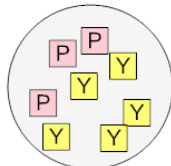
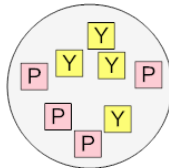
1 What is the equation for the chance of drawing a white shape at random from both bags?



$$\frac{3}{6} \cdot \frac{2}{2} \quad \frac{3}{10} \cdot \frac{5}{5} \quad \frac{3}{5} \cdot \frac{2}{5}$$

$$\frac{1}{5} \cdot \frac{3}{4} \quad \frac{1}{4} \cdot \frac{1}{3} \quad \frac{4}{5} \cdot \frac{4}{6}$$

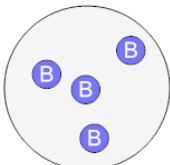
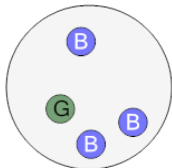
2 What is the equation for the chance of drawing a yellow shape at random from both bags?



$$\frac{4}{8} \cdot \frac{5}{8} \quad \frac{3}{5} \cdot \frac{7}{10} \quad \frac{3}{3} \cdot \frac{1}{2}$$

$$\frac{8}{10} \cdot \frac{2}{4} \quad \frac{6}{8} \cdot \frac{6}{6} \quad \frac{2}{8} \cdot \frac{2}{2}$$

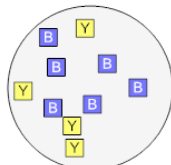
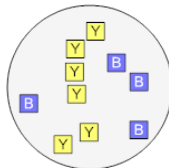
3 What is the equation for the chance of drawing a blue shape at random from both bags?



$$\frac{2}{3} \cdot \frac{9}{10} \quad \frac{3}{4} \cdot \frac{4}{4} \quad \frac{2}{3} \cdot \frac{1}{5}$$

$$\frac{4}{4} \cdot \frac{1}{6} \quad \frac{1}{3} \cdot \frac{2}{6} \quad \frac{2}{3} \cdot \frac{2}{3}$$

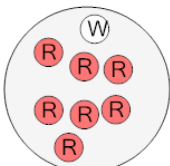
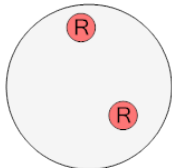
4 What is the equation for the chance of drawing a yellow shape at random from both bags?



$$\frac{1}{2} \cdot \frac{2}{4} \quad \frac{2}{3} \cdot \frac{3}{5} \quad \frac{1}{2} \cdot \frac{6}{6}$$

$$\frac{1}{3} \cdot \frac{9}{10} \quad \frac{6}{10} \cdot \frac{4}{10} \quad \frac{8}{8} \cdot \frac{3}{3}$$

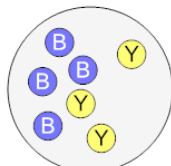
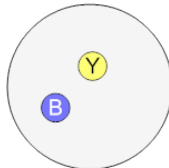
5 What is the equation for the chance of drawing a red shape at random from both bags?



$$\frac{3}{4} \cdot \frac{1}{2} \quad \frac{2}{8} \cdot \frac{1}{10} \quad \frac{2}{2} \cdot \frac{7}{8}$$

$$\frac{3}{6} \cdot \frac{4}{6} \quad \frac{2}{3} \cdot \frac{2}{3} \quad \frac{4}{5} \cdot \frac{10}{10}$$

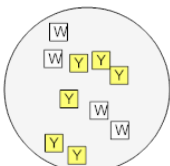
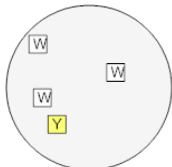
6 What is the equation for the chance of drawing a yellow shape at random from both bags?



$$\frac{3}{4} \cdot \frac{1}{6} \quad \frac{2}{8} \cdot \frac{1}{10} \quad \frac{1}{2} \cdot \frac{3}{7}$$

$$\frac{1}{10} \cdot \frac{4}{4} \quad \frac{1}{5} \cdot \frac{6}{10} \quad \frac{2}{8} \cdot \frac{3}{3}$$

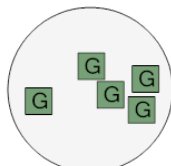
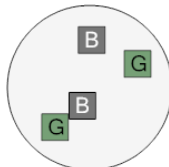
7 What is the equation for the chance of drawing a white shape at random from both bags?



$$\frac{2}{2} \cdot \frac{6}{10} \quad \frac{3}{4} \cdot \frac{4}{10} \quad \frac{5}{6} \cdot \frac{3}{3}$$

$$\frac{1}{8} \cdot \frac{2}{2} \quad \frac{3}{6} \cdot \frac{5}{5} \quad \frac{1}{10} \cdot \frac{3}{3}$$

8 What is the equation for the chance of drawing a black shape at random from both bags?



$$\frac{1}{6} \cdot \frac{1}{5} \quad \frac{2}{5} \cdot \frac{1}{4} \quad \frac{2}{4} \cdot 0$$

$$\frac{3}{5} \cdot \frac{1}{2} \quad \frac{4}{10} \cdot \frac{1}{4} \quad \frac{2}{3} \cdot \frac{1}{5}$$