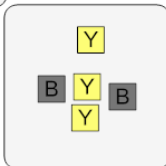
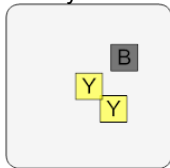




## Probability - Shapes, Two Sets of One Shape, Two Colors - Pick Two by Color, To Fraction Equation

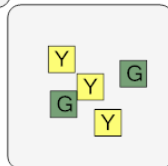
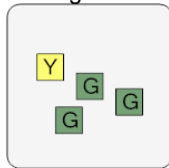
**1** What is the equation for the chance of drawing a yellow shape at random from both bags?



A  $\frac{2}{5} \cdot \frac{2}{8}$  B  $\frac{2}{3} \cdot \frac{3}{5}$  C  $\frac{5}{10} \cdot \frac{3}{3}$

D  $\frac{2}{5} \cdot \frac{4}{5}$  E  $\frac{5}{5} \cdot \frac{4}{4}$  F  $\frac{4}{4} \cdot \frac{5}{10}$

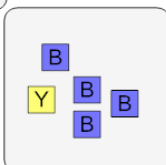
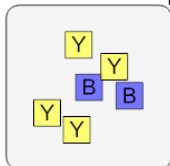
**2** What is the equation for the chance of drawing a green shape at random from both bags?



A  $\frac{1}{3} \cdot \frac{4}{5}$  B  $\frac{3}{4} \cdot \frac{2}{5}$  C  $\frac{1}{5} \cdot \frac{1}{2}$

D  $\frac{5}{5} \cdot \frac{2}{4}$  E  $\frac{3}{3} \cdot \frac{3}{3}$  F  $\frac{1}{5} \cdot \frac{1}{6}$

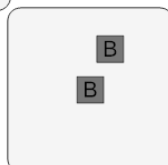
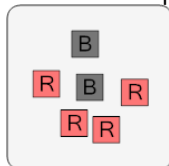
**3** What is the equation for the chance of drawing a blue shape at random from both bags?



A  $\frac{2}{3} \cdot \frac{3}{3}$  B  $\frac{4}{4} \cdot \frac{6}{6}$  C  $\frac{2}{6} \cdot \frac{4}{5}$

D  $\frac{5}{5} \cdot \frac{2}{5}$  E  $\frac{2}{2} \cdot \frac{4}{8}$  F  $\frac{2}{3} \cdot \frac{2}{3}$

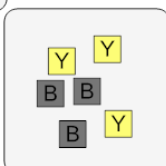
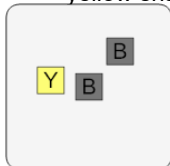
**4** What is the equation for the chance of drawing a red shape at random from both bags?



A  $\frac{8}{8} \cdot \frac{1}{4}$  B  $\frac{9}{10} \cdot \frac{1}{2}$  C  $\frac{2}{4} \cdot \frac{1}{3}$

D  $\frac{4}{4} \cdot \frac{1}{3}$  E  $\frac{4}{6} \cdot 0$  F  $\frac{5}{5} \cdot \frac{1}{5}$

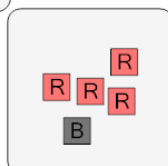
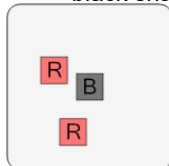
**5** What is the equation for the chance of drawing a yellow shape at random from both bags?



A  $\frac{1}{5} \cdot \frac{3}{5}$  B  $\frac{2}{5} \cdot \frac{1}{6}$  C  $\frac{2}{2} \cdot \frac{1}{8}$

D  $\frac{1}{8} \cdot \frac{3}{5}$  E  $\frac{1}{10} \cdot \frac{1}{8}$  F  $\frac{1}{3} \cdot \frac{3}{6}$

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



A  $\frac{3}{10} \cdot \frac{1}{3}$  B  $\frac{1}{10} \cdot \frac{2}{8}$  C  $\frac{3}{8} \cdot \frac{1}{10}$

D  $\frac{1}{3} \cdot \frac{1}{5}$  E  $\frac{1}{4} \cdot \frac{1}{4}$  F  $\frac{3}{3} \cdot \frac{1}{2}$

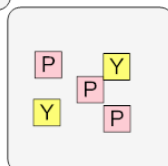
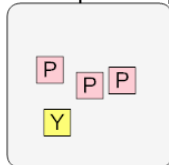
**7** What is the equation for the chance of drawing a white shape at random from both bags?



A  $\frac{2}{2} \cdot \frac{1}{2}$  B  $\frac{5}{10} \cdot \frac{3}{8}$  C  $\frac{1}{3} \cdot \frac{3}{10}$

D  $\frac{4}{6} \cdot \frac{1}{3}$  E  $\frac{4}{10} \cdot \frac{1}{4}$  F  $\frac{5}{6} \cdot \frac{1}{6}$

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



A  $\frac{4}{6} \cdot \frac{2}{8}$  B  $\frac{5}{6} \cdot \frac{1}{2}$  C  $\frac{3}{4} \cdot \frac{3}{5}$

D  $\frac{7}{10} \cdot \frac{5}{6}$  E  $\frac{5}{10} \cdot \frac{2}{5}$  F  $\frac{3}{10} \cdot \frac{7}{10}$