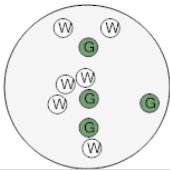
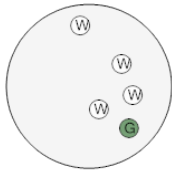


Probability - Shapes, Two Sets of Two Shapes, Two Colors - Pick Two by Color, To Fraction Equation

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



$$\frac{2}{2} \cdot \frac{10}{10}$$

$$\frac{1}{4} \cdot \frac{3}{4}$$

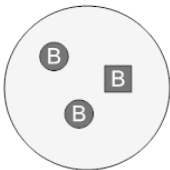
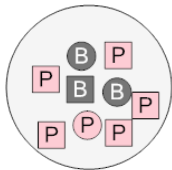
$$\frac{1}{3} \cdot \frac{1}{4}$$

$$\frac{2}{10} \cdot \frac{8}{8}$$

$$\frac{3}{3} \cdot \frac{3}{3}$$

$$\frac{4}{5} \cdot \frac{6}{10}$$

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



$$\frac{6}{9} \cdot 0$$

$$\frac{2}{2} \cdot \frac{1}{2}$$

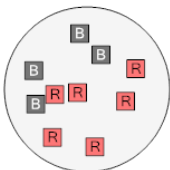
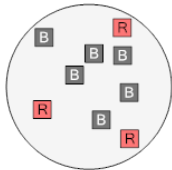
$$\frac{4}{5} \cdot \frac{1}{2}$$

$$\frac{5}{8} \cdot \frac{1}{6}$$

$$\frac{3}{5} \cdot \frac{1}{10}$$

$$\frac{1}{2} \cdot \frac{1}{4}$$

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



$$\frac{2}{6} \cdot \frac{2}{3}$$

$$\frac{3}{3} \cdot \frac{1}{2}$$

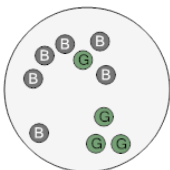
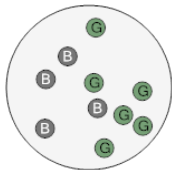
$$\frac{3}{6} \cdot \frac{1}{6}$$

$$\frac{3}{6} \cdot \frac{7}{8}$$

$$\frac{1}{3} \cdot \frac{1}{2}$$

$$\frac{6}{9} \cdot \frac{4}{10}$$

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



$$\frac{3}{10} \cdot \frac{2}{10}$$

$$\frac{4}{10} \cdot \frac{6}{10}$$

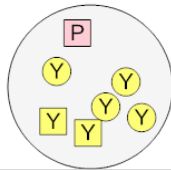
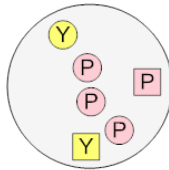
$$\frac{4}{8} \cdot \frac{1}{3}$$

$$\frac{8}{8} \cdot \frac{1}{5}$$

$$\frac{3}{6} \cdot \frac{3}{3}$$

$$\frac{1}{2} \cdot \frac{2}{10}$$

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



$$\frac{2}{2} \cdot \frac{1}{10}$$

$$\frac{2}{2} \cdot \frac{2}{5}$$

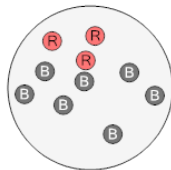
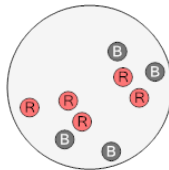
$$\frac{5}{10} \cdot \frac{1}{5}$$

$$\frac{4}{4} \cdot \frac{1}{5}$$

$$\frac{4}{4} \cdot \frac{2}{4}$$

$$\frac{4}{6} \cdot \frac{1}{7}$$

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



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

$$\frac{1}{2} \cdot \frac{5}{8}$$

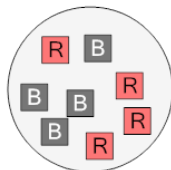
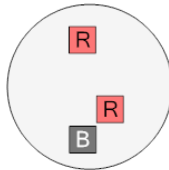
$$\frac{5}{9} \cdot \frac{3}{10}$$

$$\frac{2}{2} \cdot \frac{1}{2}$$

$$\frac{4}{4} \cdot \frac{2}{3}$$

$$\frac{3}{5} \cdot \frac{1}{3}$$

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



$$\frac{2}{5} \cdot \frac{4}{4}$$

$$\frac{2}{3} \cdot \frac{4}{8}$$

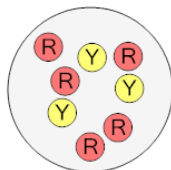
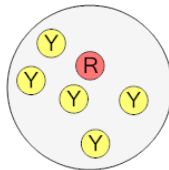
$$\frac{4}{5} \cdot \frac{4}{6}$$

$$\frac{2}{10} \cdot \frac{2}{10}$$

$$\frac{1}{6} \cdot \frac{4}{4}$$

$$\frac{3}{8} \cdot \frac{5}{6}$$

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



$$\frac{4}{5} \cdot \frac{3}{5}$$

$$\frac{3}{8} \cdot \frac{1}{3}$$

$$\frac{7}{8} \cdot \frac{2}{3}$$

$$\frac{5}{6} \cdot \frac{3}{8}$$

$$\frac{8}{8} \cdot \frac{4}{6}$$

$$\frac{5}{5} \cdot \frac{2}{3}$$