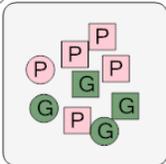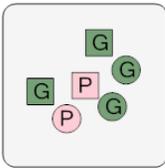# Probability - Shapes, Two Sets of Two Shapes, Two Colors - Pick Two by Color, To Fraction

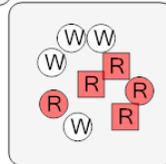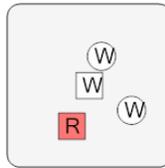**1** What is the chance of drawing a pink shape at random from both bags?

A $\dfrac{5}{8}$ B $\dfrac{4}{8}$ C $\dfrac{4}{10}$
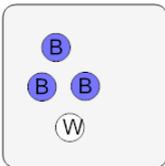
D $\dfrac{2}{6}$ E $\dfrac{10}{54}$ F $\dfrac{7}{8}$

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

A $\dfrac{1}{2}$ B $\dfrac{12}{36}$ C $\dfrac{3}{10}$
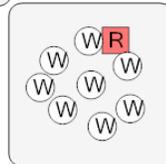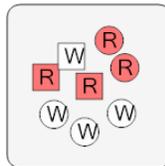
D $\dfrac{5}{5}$ E $\dfrac{1}{6}$ F $\dfrac{2}{2}$

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

A $\dfrac{1}{4}$ B $\dfrac{2}{6}$ C $\dfrac{1}{8}$

D $\dfrac{1}{3}$ E $\dfrac{3}{3}$ F $\dfrac{1}{6}$

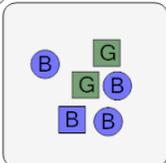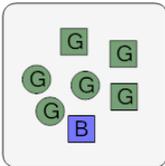**4** What is the chance of drawing a red shape at random from both bags?

A $\dfrac{1}{5}$ B $\dfrac{1}{10}$ C $\dfrac{1}{2}$

D $\dfrac{4}{72}$ E $\dfrac{2}{3}$ F $\dfrac{4}{5}$

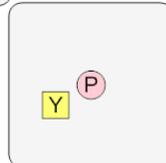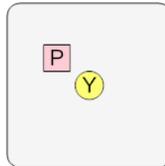**5** What is the chance of drawing a green shape at random from both bags?

A $\dfrac{12}{42}$ B $\dfrac{5}{6}$ C $\dfrac{2}{4}$

D $\dfrac{3}{3}$ E $\dfrac{3}{6}$ F $\dfrac{3}{8}$

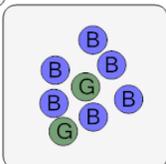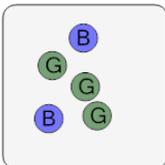**6** What is the chance of drawing a pink shape at random from both bags?

A $\dfrac{2}{6}$ B $\dfrac{1}{8}$ C $\dfrac{1}{2}$
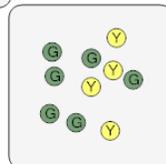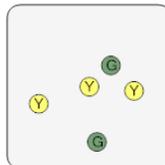
D $\dfrac{1}{4}$ E $\dfrac{3}{5}$ F $\dfrac{1}{5}$

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

A $\dfrac{2}{6}$ B $\dfrac{2}{8}$ C $\dfrac{1}{10}$

D $\dfrac{4}{6}$ E $\dfrac{6}{40}$ F $\dfrac{3}{6}$

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

A $\dfrac{4}{5}$ B $\dfrac{2}{2}$ C $\dfrac{4}{6}$

D $\dfrac{1}{3}$ E $\dfrac{12}{50}$ F $\dfrac{2}{3}$