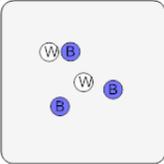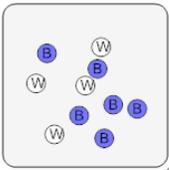# Probability - Shapes, Two Sets of One Shape, Two Colors - Pick Two by Color, To Fraction
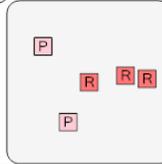
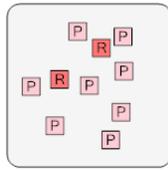**1** What is the chance of drawing a white shape at random from both bags?

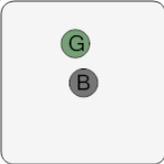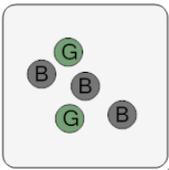| A $\dfrac{3}{6}$	B $\dfrac{1}{6}$	C $\dfrac{8}{50}$
D $\dfrac{5}{5}$	E $\dfrac{8}{8}$	F $\dfrac{1}{4}$

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

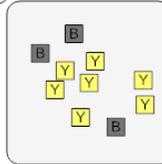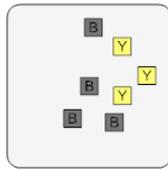| A $\dfrac{2}{10}$	B $\dfrac{1}{3}$	C $\dfrac{1}{10}$
D $\dfrac{3}{5}$	E $\dfrac{16}{50}$	F $\dfrac{2}{2}$

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

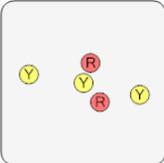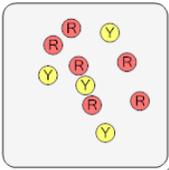| A $\dfrac{1}{2}$	B $\dfrac{6}{6}$	C $\dfrac{3}{10}$
D $\dfrac{4}{4}$	E $\dfrac{2}{3}$	F $\dfrac{3}{6}$

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

A $\dfrac{5}{5}$	B $\dfrac{4}{6}$	C $\dfrac{2}{2}$
D $\dfrac{21}{70}$	E $\dfrac{1}{4}$	F $\dfrac{4}{4}$

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

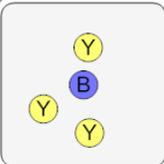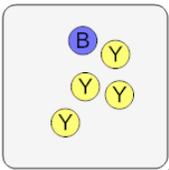| A $\dfrac{4}{8}$	B $\dfrac{3}{5}$	C $\dfrac{5}{6}$
D $\dfrac{5}{5}$	E $\dfrac{12}{50}$	F $\dfrac{1}{3}$

6 What is the chance of drawing a pink shape at random from both bags?
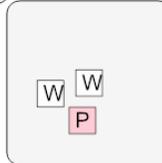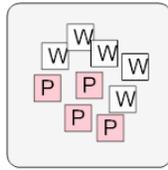
A $\dfrac{7}{10}$	B $\dfrac{8}{8}$	C $\dfrac{3}{3}$
D $\dfrac{4}{27}$	E $\dfrac{3}{4}$	F $\dfrac{3}{10}$

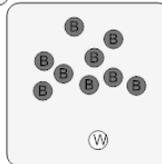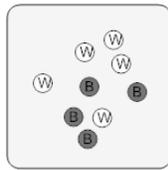**7** What is the chance of drawing a yellow shape at random from both bags?

A $\dfrac{3}{4}$	B $\dfrac{6}{8}$	C $\dfrac{2}{8}$
D $\dfrac{12}{20}$	E $\dfrac{1}{8}$	F $\dfrac{1}{5}$

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

A $\dfrac{5}{90}$	B $\dfrac{2}{2}$	C $\dfrac{5}{10}$
D $\dfrac{3}{4}$	E $\dfrac{3}{5}$	F $\dfrac{1}{5}$