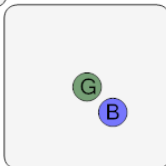
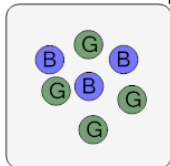


Probability - Shapes, Two Sets of One Shape, Two Colors - Pick Two by Color,

To Fraction Equation

1

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

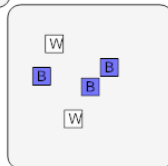
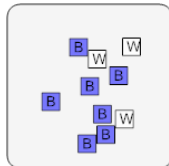


A $\frac{6}{6} \cdot \frac{3}{3} = \frac{1}{2}$ B $\frac{3}{7} \cdot \frac{1}{2} = \frac{3}{14}$ C $\frac{3}{8} \cdot \frac{2}{8} = \frac{3}{32}$

D $\frac{1}{5} \cdot \frac{2}{8} = \frac{1}{20}$ E $\frac{6}{8} \cdot \frac{3}{3} = \frac{3}{4}$ F $\frac{4}{8} \cdot \frac{2}{2} = \frac{1}{2}$

2

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

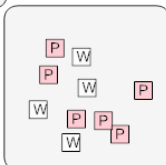
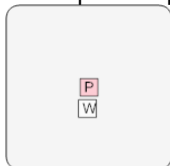


A $\frac{4}{10} \cdot \frac{4}{5} = \frac{16}{50}$ B $\frac{1}{2} \cdot \frac{1}{5} = \frac{1}{10}$ C $\frac{3}{10} \cdot \frac{2}{5} = \frac{6}{50}$

D $\frac{2}{5} \cdot \frac{2}{6} = \frac{4}{30}$ E $\frac{2}{8} \cdot \frac{3}{5} = \frac{6}{40}$ F $\frac{2}{6} \cdot \frac{3}{3} = \frac{1}{3}$

3

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

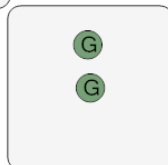
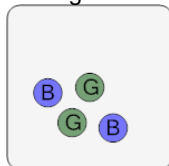


A $\frac{1}{5} \cdot \frac{1}{2} = \frac{1}{10}$ B $\frac{3}{3} \cdot \frac{5}{8} = \frac{5}{8}$ C $\frac{1}{2} \cdot \frac{6}{10} = \frac{3}{10}$

D $\frac{2}{5} \cdot \frac{4}{4} = \frac{2}{5}$ E $\frac{2}{6} \cdot \frac{2}{6} = \frac{1}{9}$ F $\frac{1}{3} \cdot \frac{3}{8} = \frac{1}{8}$

4

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

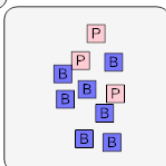
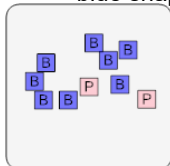


A $\frac{1}{8} \cdot \frac{2}{8} = \frac{1}{32}$ B $\frac{2}{4} \cdot \frac{2}{2} = \frac{1}{1}$ C $\frac{5}{5} \cdot \frac{4}{10} = \frac{2}{5}$

D $\frac{2}{2} \cdot \frac{2}{10} = \frac{2}{10}$ E $\frac{3}{8} \cdot \frac{1}{2} = \frac{3}{16}$ F $\frac{4}{10} \cdot \frac{1}{3} = \frac{2}{15}$

5

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

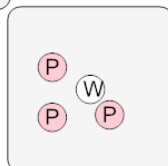
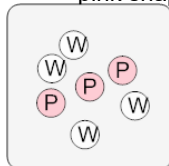


A $\frac{1}{2} \cdot \frac{1}{4} = \frac{1}{8}$ B $\frac{8}{10} \cdot \frac{7}{10} = \frac{56}{100}$ C $\frac{4}{8} \cdot \frac{2}{5} = \frac{1}{5}$

D $\frac{1}{3} \cdot \frac{1}{6} = \frac{1}{18}$ E $\frac{4}{8} \cdot \frac{1}{3} = \frac{1}{6}$ F $\frac{1}{3} \cdot \frac{5}{5} = \frac{1}{3}$

6

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

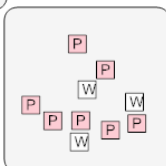
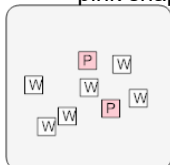


A $\frac{6}{10} \cdot \frac{1}{5} = \frac{6}{50}$ B $\frac{5}{8} \cdot \frac{2}{3} = \frac{10}{24}$ C $\frac{4}{10} \cdot \frac{7}{10} = \frac{28}{100}$

D $\frac{3}{7} \cdot \frac{3}{4} = \frac{9}{28}$ E $\frac{4}{5} \cdot \frac{4}{5} = \frac{16}{25}$ F $\frac{7}{8} \cdot \frac{3}{3} = \frac{7}{8}$

7

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

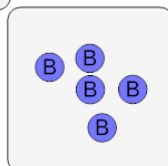
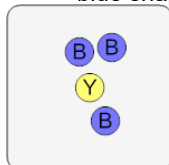


A $\frac{4}{6} \cdot \frac{2}{3} = \frac{8}{18}$ B $\frac{1}{2} \cdot \frac{4}{5} = \frac{2}{5}$ C $\frac{2}{6} \cdot \frac{4}{6} = \frac{4}{18}$

D $\frac{2}{8} \cdot \frac{7}{10} = \frac{7}{40}$ E $\frac{1}{6} \cdot \frac{5}{5} = \frac{1}{6}$ F $\frac{2}{2} \cdot \frac{2}{3} = \frac{2}{3}$

8

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



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

D $\frac{4}{10} \cdot \frac{5}{6} = \frac{20}{60}$ E $\frac{2}{3} \cdot \frac{1}{5} = \frac{2}{15}$ F $\frac{3}{4} \cdot \frac{5}{5} = \frac{3}{4}$