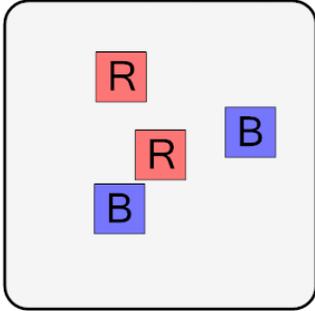


Probability - Shapes, One Set of Two Shapes, Two Colors - Pick Two by Color, To Fraction Equation

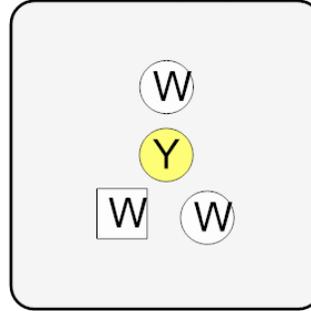
1 What is the equation for the chance of drawing two red shapes in a row



| | | | | | |
|---|----------------------------------|---|---------------------------------|---|---------------------------------|
| A | $\frac{3}{4} \cdot \frac{3}{10}$ | B | $\frac{5}{5} \cdot \frac{1}{5}$ | C | $\frac{2}{2} \cdot \frac{3}{6}$ |
|---|----------------------------------|---|---------------------------------|---|---------------------------------|

| | | | | | |
|---|---------------------------------|---|---------------------------------|---|----------------------------------|
| D | $\frac{5}{8} \cdot \frac{1}{8}$ | E | $\frac{2}{4} \cdot \frac{1}{3}$ | F | $\frac{3}{10} \cdot \frac{3}{3}$ |
|---|---------------------------------|---|---------------------------------|---|----------------------------------|

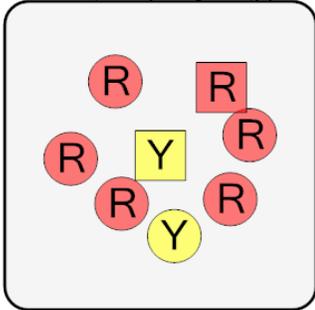
2 What is the equation for the chance of drawing two white shapes in a row



| | | | | | |
|---|---------------------------------|---|----------------------------------|---|---------------------------------|
| A | $\frac{1}{3} \cdot \frac{5}{8}$ | B | $\frac{1}{10} \cdot \frac{1}{2}$ | C | $\frac{7}{8} \cdot \frac{2}{2}$ |
|---|---------------------------------|---|----------------------------------|---|---------------------------------|

| | | | | | |
|---|---------------------------------|---|---------------------------------|---|----------------------------------|
| D | $\frac{3}{4} \cdot \frac{2}{3}$ | E | $\frac{3}{5} \cdot \frac{1}{3}$ | F | $\frac{2}{2} \cdot \frac{4}{10}$ |
|---|---------------------------------|---|---------------------------------|---|----------------------------------|

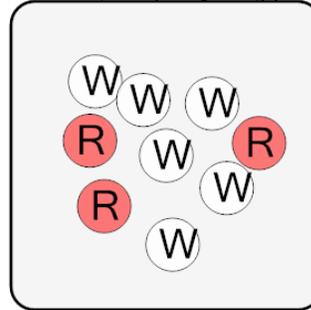
3 What is the equation for the chance of drawing two red shapes in a row



| | | | | | |
|---|---------------------------------|---|---------------------------------|---|---------------------------------|
| A | $\frac{2}{8} \cdot \frac{2}{2}$ | B | $\frac{6}{8} \cdot \frac{5}{7}$ | C | $\frac{8}{8} \cdot \frac{2}{3}$ |
|---|---------------------------------|---|---------------------------------|---|---------------------------------|

| | | | | | |
|---|---------------------------------|---|---------------------------------|---|---------------------------------|
| D | $\frac{3}{3} \cdot \frac{2}{3}$ | E | $\frac{2}{5} \cdot \frac{2}{8}$ | F | $\frac{1}{3} \cdot \frac{5}{6}$ |
|---|---------------------------------|---|---------------------------------|---|---------------------------------|

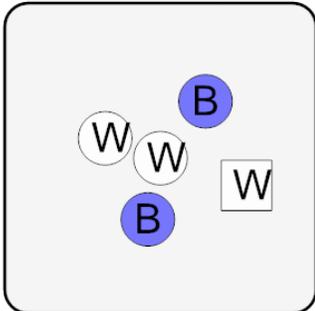
4 What is the equation for the chance of drawing two red shapes in a row



| | | | | | |
|---|---------------------------------|---|---------------------------------|---|---------------------------------|
| A | $\frac{6}{8} \cdot \frac{3}{6}$ | B | $\frac{1}{2} \cdot \frac{3}{4}$ | C | $\frac{3}{9} \cdot \frac{2}{8}$ |
|---|---------------------------------|---|---------------------------------|---|---------------------------------|

| | | | | | |
|---|---------------------------------|---|---------------------------------|---|---------------------------------|
| D | $\frac{2}{2} \cdot \frac{4}{8}$ | E | $\frac{1}{6} \cdot \frac{4}{6}$ | F | $\frac{4}{8} \cdot \frac{1}{8}$ |
|---|---------------------------------|---|---------------------------------|---|---------------------------------|

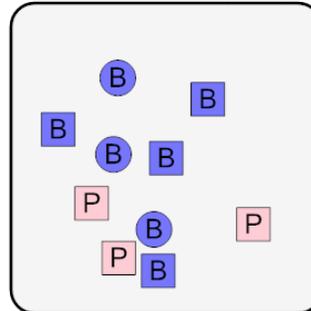
5 What is the equation for the chance of drawing two white shapes in a row



| | | | | | |
|---|---------------------------------|---|----------------------------------|---|---------------------------------|
| A | $\frac{4}{5} \cdot \frac{4}{5}$ | B | $\frac{5}{10} \cdot \frac{3}{4}$ | C | $\frac{4}{4} \cdot \frac{2}{8}$ |
|---|---------------------------------|---|----------------------------------|---|---------------------------------|

| | | | | | |
|---|---------------------------------|---|---------------------------------|---|---------------------------------|
| D | $\frac{1}{4} \cdot \frac{3}{8}$ | E | $\frac{3}{5} \cdot \frac{2}{4}$ | F | $\frac{3}{3} \cdot \frac{2}{3}$ |
|---|---------------------------------|---|---------------------------------|---|---------------------------------|

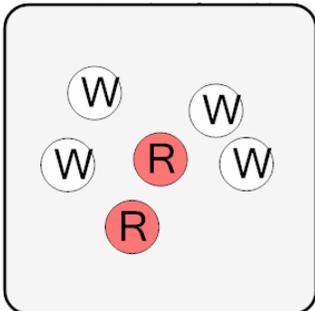
6 What is the equation for the chance of drawing two blue shapes in a row



| | | | | | |
|---|-----------------------------------|---|----------------------------------|---|----------------------------------|
| A | $\frac{4}{10} \cdot \frac{1}{10}$ | B | $\frac{7}{10} \cdot \frac{6}{9}$ | C | $\frac{5}{10} \cdot \frac{2}{5}$ |
|---|-----------------------------------|---|----------------------------------|---|----------------------------------|

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

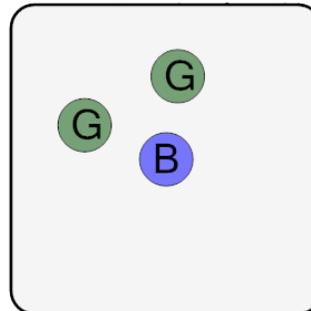
7 What is the equation for the chance of drawing two red shapes in a row



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

| | | | | | |
|---|----------------------------------|---|---------------------------------|---|---------------------------------|
| D | $\frac{4}{10} \cdot \frac{1}{8}$ | E | $\frac{1}{5} \cdot \frac{1}{2}$ | F | $\frac{1}{4} \cdot \frac{2}{6}$ |
|---|----------------------------------|---|---------------------------------|---|---------------------------------|

8 What is the equation for the chance of drawing two green shapes in a row



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

| | | | | | |
|---|---------------------------------|---|---------------------------------|---|---------------------------------|
| D | $\frac{3}{8} \cdot \frac{1}{3}$ | E | $\frac{2}{3} \cdot \frac{1}{2}$ | F | $\frac{5}{6} \cdot \frac{3}{5}$ |
|---|---------------------------------|---|---------------------------------|---|---------------------------------|