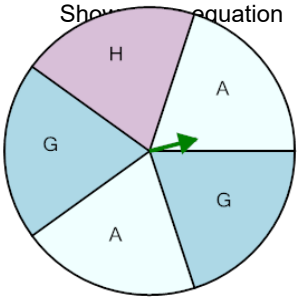
Name

Probability - Spinner, Two Spins, Either Answer, To Equation

1 Calculate the probability of spinning A at least once, given two spins. Show equation



P(A in 2 spins)

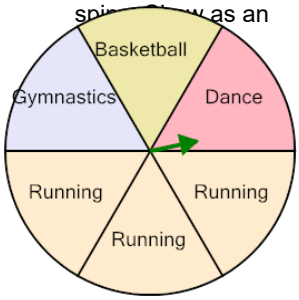
A $\frac{2}{5}+\frac{2}{5}+\frac{2}{5}\cdot\frac{2}{5}$

B $\frac{9}{6}-\frac{6}{4}\cdot\frac{6}{6}$

C $\frac{7}{5}-\frac{5}{4}\cdot\frac{11}{3}$

D $\frac{2}{5}+\frac{2}{5}-\frac{2}{5}\cdot\frac{2}{5}$

2 Calculate the probability of spinning Running at least once, given two spins. Show as an equation



P(Running in 2 spins)

A $\frac{11}{6}-\frac{0}{7}\cdot\frac{16}{5}$

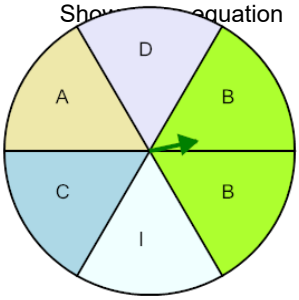
B $\frac{3}{6}+\frac{3}{6}-\frac{3}{6}\cdot\frac{3}{6}$

C $\frac{9}{4}-\frac{0}{5}\cdot\frac{16}{8}$

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

E $\frac{9}{5}+\frac{2}{7}\cdot\frac{9}{7}$

3 Calculate the probability of spinning C at least once, given two spins. Show equation



P(C in 2 spins)

A $\frac{1}{6}+\frac{1}{6}+\frac{1}{6}\cdot\frac{1}{6}$

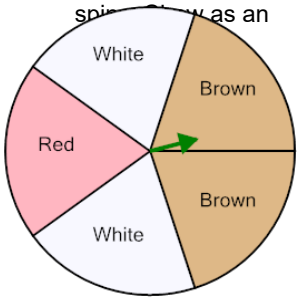
B $\frac{7}{7}-\frac{0}{6}\cdot\frac{8}{4}$

C $\frac{4}{6}+\frac{2}{5}\cdot\frac{7}{8}$

D $\frac{3}{6}+\frac{1}{8}\cdot\frac{5}{7}$

E $\frac{1}{6}+\frac{1}{6}-\frac{1}{6}\cdot\frac{1}{6}$

4 Calculate the probability of spinning Brown at least once, given two spins. Show as an equation



P(Brown in 2 spins)

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

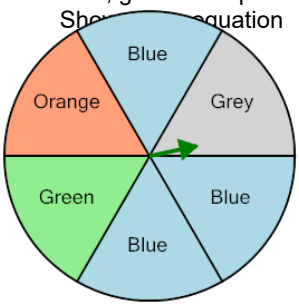
B $\frac{2}{5}+\frac{2}{5}-\frac{2}{5}\cdot\frac{2}{5}$

C $\frac{8}{5}+\frac{2}{5}\cdot\frac{4}{3}$

D $\frac{12}{6}-\frac{4}{5}\cdot\frac{3}{4}$

E $\frac{6}{4}+\frac{0}{6}\cdot\frac{7}{4}$

5 Calculate the probability of spinning Blue at least once, given two spins. Show equation



P(Blue in 2 spins)

A $\frac{11}{5}-\frac{4}{7}\cdot\frac{15}{4}$

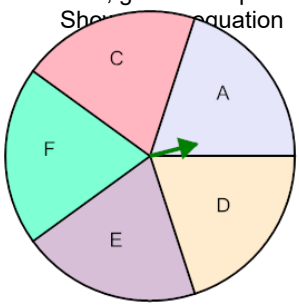
B $\frac{14}{8}-\frac{2}{8}\cdot\frac{10}{7}$

C $\frac{3}{6}+\frac{3}{6}-\frac{3}{6}\cdot\frac{3}{6}$

D $\frac{10}{7}+\frac{1}{4}\cdot\frac{9}{6}$

E $\frac{15}{5}+\frac{0}{4}\cdot\frac{10}{8}$

6 Calculate the probability of spinning E at least once, given two spins. Show equation



P(E in 2 spins)

A $\frac{1}{5}+\frac{1}{5}-\frac{1}{5}\cdot\frac{1}{5}$

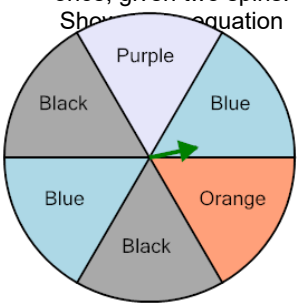
B $\frac{1}{5}+\frac{1}{5}+\frac{1}{5}\cdot\frac{1}{5}$

C $\frac{8}{5}+\frac{1}{4}\cdot\frac{2}{6}$

D $\frac{3}{7}+\frac{0}{3}\cdot\frac{5}{3}$

E $\frac{9}{4}-\frac{1}{4}\cdot\frac{6}{5}$

7 Calculate the probability of spinning Blue at least once, given two spins. Show equation



P(Blue in 2 spins)

A $\frac{14}{6}-\frac{5}{7}\cdot\frac{12}{8}$

B $\frac{2}{6}+\frac{2}{6}-\frac{2}{6}\cdot\frac{2}{6}$

C $\frac{12}{7}-\frac{7}{8}\cdot\frac{10}{7}$

D $\frac{2}{6}+\frac{2}{6}+\frac{2}{6}\cdot\frac{2}{6}$

8 Calculate the probability of spinning Tennis at least once, given two spins. Show as an equation

P(Tennis in 2 spins)

A $\frac{7}{9}-\frac{1}{8}\cdot\frac{14}{9}$

B $\frac{8}{8}-\frac{7}{8}\cdot\frac{8}{7}$

C $\frac{2}{7}+\frac{2}{7}+\frac{2}{7}\cdot\frac{2}{7}$

D $\frac{2}{7}+\frac{2}{7}-\frac{2}{7}\cdot\frac{2}{7}$

E $\frac{9}{8}+\frac{1}{6}\cdot\frac{16}{9}$