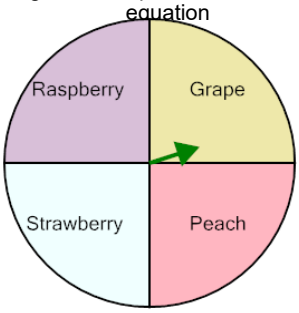
Name

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

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



P(Raspberry in 2 spins)

A $\frac{1}{4}+\frac{1}{4}+\frac{1}{4}\cdot\frac{1}{4}$

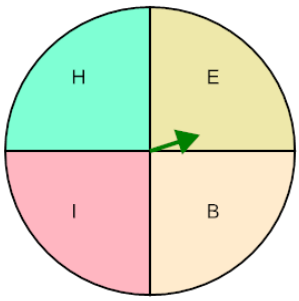
B $\frac{1}{5}+\frac{1}{2}\cdot\frac{1}{5}$

C $\frac{1}{4}+\frac{1}{4}-\frac{1}{4}\cdot\frac{1}{4}$

D $\frac{5}{3}-\frac{2}{3}\cdot\frac{1}{3}$

E $\frac{3}{2}-\frac{2}{3}\cdot\frac{8}{2}$

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



P(H in 2 spins)

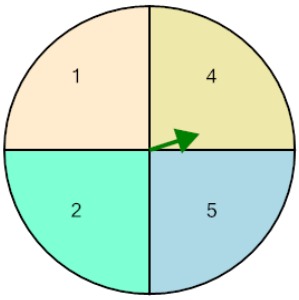
A $\frac{5}{6}+\frac{2}{6}\cdot\frac{8}{5}$

B $\frac{5}{3}-\frac{2}{3}\cdot\frac{4}{6}$

C $\frac{1}{4}+\frac{1}{4}+\frac{1}{4}\cdot\frac{1}{4}$

D $\frac{1}{4}+\frac{1}{4}-\frac{1}{4}\cdot\frac{1}{4}$

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



P(4 in 2 spins)

A $\frac{7}{5}-\frac{4}{2}\cdot\frac{1}{5}$

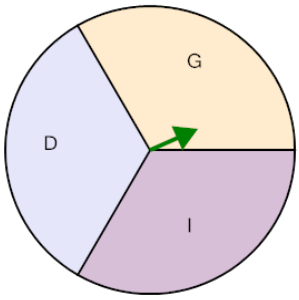
B $\frac{1}{4}+\frac{0}{2}\cdot\frac{5}{3}$

C $\frac{2}{4}-\frac{4}{3}\cdot\frac{4}{5}$

D $\frac{1}{4}+\frac{1}{4}-\frac{1}{4}\cdot\frac{1}{4}$

E $\frac{1}{4}+\frac{1}{4}+\frac{1}{4}\cdot\frac{1}{4}$

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



P(I in 2 spins)

A $\frac{6}{2}+\frac{5}{3}\cdot\frac{2}{2}$

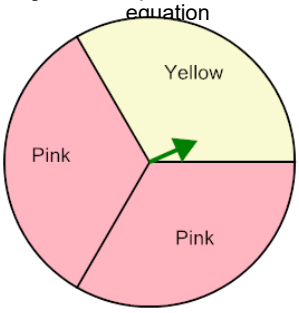
B $\frac{7}{3}-\frac{5}{2}\cdot\frac{6}{5}$

C $\frac{1}{3}+\frac{1}{3}-\frac{1}{3}\cdot\frac{1}{3}$

D $\frac{1}{2}-\frac{6}{4}\cdot\frac{2}{4}$

E $\frac{2}{5}+\frac{0}{4}\cdot\frac{1}{2}$

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



P(Yellow in 2 spins)

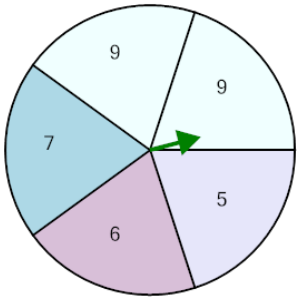
A $\frac{7}{4}+\frac{2}{3}\cdot\frac{4}{2}$

B $\frac{1}{3}+\frac{1}{3}-\frac{1}{3}\cdot\frac{1}{3}$

C $\frac{1}{3}+\frac{1}{3}+\frac{1}{3}\cdot\frac{1}{3}$

D $\frac{3}{3}-\frac{2}{3}\cdot\frac{7}{5}$

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



P(6 in 2 spins)

A $\frac{8}{5}+\frac{5}{7}\cdot\frac{8}{6}$

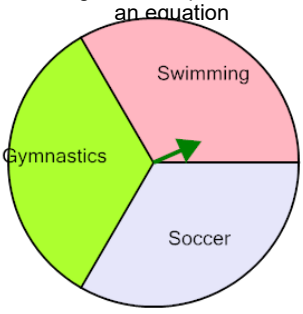
B $\frac{1}{5}+\frac{1}{5}+\frac{1}{5}\cdot\frac{1}{5}$

C $\frac{1}{4}+\frac{6}{3}\cdot\frac{5}{3}$

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

E $\frac{3}{5}-\frac{6}{4}\cdot\frac{9}{3}$

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



P(Gymnastics in 2 spins)

A $\frac{1}{3}+\frac{1}{3}+\frac{1}{3}\cdot\frac{1}{3}$

B $\frac{2}{2}-\frac{2}{4}\cdot\frac{6}{3}$

C $\frac{2}{1}+\frac{3}{2}\cdot\frac{1}{1}$

D $\frac{1}{3}+\frac{1}{3}-\frac{1}{3}\cdot\frac{1}{3}$

E $\frac{6}{4}-\frac{3}{2}\cdot\frac{7}{1}$

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

P(Swimming in 2 spins)

A $\frac{7}{7}-\frac{6}{6}\cdot\frac{6}{3}$

B $\frac{4}{5}+\frac{5}{4}\cdot\frac{5}{7}$

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

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

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