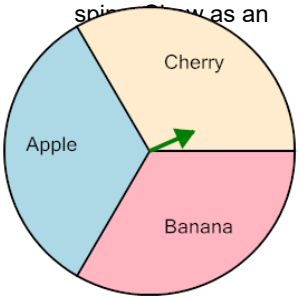
Name

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

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



P(Banana in 2 spins)

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

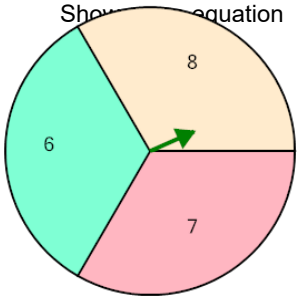
B $\frac{2}{1}+\frac{1}{1}\cdot\frac{1}{4}$

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

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

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

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



P(8 in 2 spins)

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

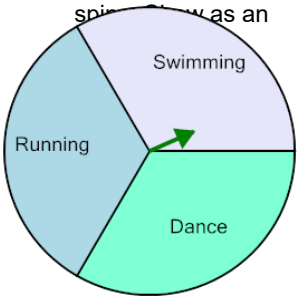
B $\frac{1}{3}+\frac{1}{3}+\frac{1}{3}\cdot\frac{1}{3}$

C $\frac{1}{5}-\frac{3}{3}\cdot\frac{5}{5}$

D $\frac{7}{3}-\frac{3}{1}\cdot\frac{3}{2}$

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

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



P(Running in 2 spins)

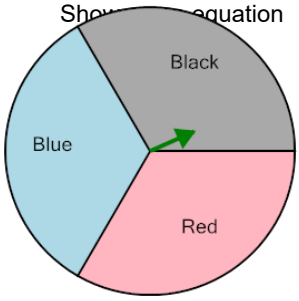
A $\frac{1}{3}+\frac{1}{3}+\frac{1}{3}\cdot\frac{1}{3}$

B $\frac{6}{3}+\frac{0}{2}\cdot\frac{1}{1}$

C $\frac{2}{2}+\frac{3}{2}\cdot\frac{7}{1}$

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

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



P(Red in 2 spins)

A $\frac{1}{2}+\frac{3}{4}\cdot\frac{2}{4}$

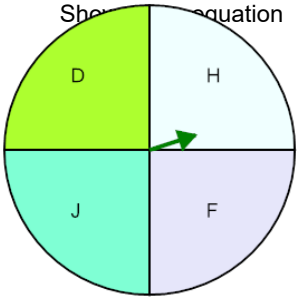
B $\frac{5}{2}-\frac{3}{1}\cdot\frac{5}{5}$

C $\frac{7}{2}-\frac{6}{2}\cdot\frac{7}{5}$

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

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

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



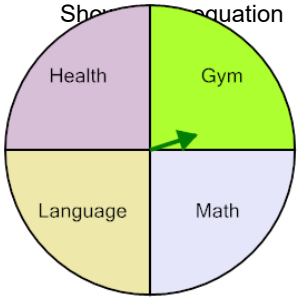
P(H in 2 spins)

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

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

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

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



P(Gym in 2 spins)

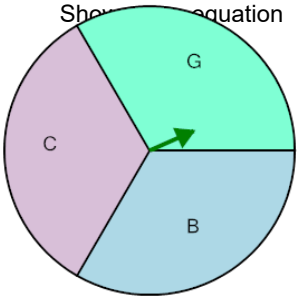
A $\frac{1}{4}+\frac{1}{4}-\frac{1}{4}\cdot\frac{1}{4}$

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

C $\frac{1}{2}+\frac{2}{4}\cdot\frac{1}{2}$

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

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



P(B in 2 spins)

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

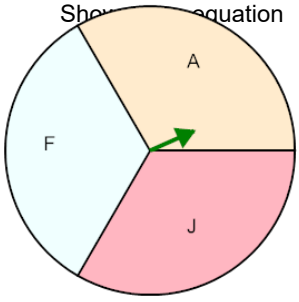
B $\frac{1}{3}+\frac{1}{3}+\frac{1}{3}\cdot\frac{1}{3}$

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

D $\frac{4}{1}-\frac{0}{4}\cdot\frac{6}{1}$

E $\frac{2}{5}+\frac{5}{3}\cdot\frac{1}{2}$

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



P(J in 2 spins)

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

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 $\frac{1}{2}+\frac{0}{3}\cdot\frac{3}{1}$

E $\frac{5}{3}-\frac{0}{4}\cdot\frac{1}{1}$