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Math worksheet on *'Probability - Spinner, Two Spins, Either Answer, To Equation (Level 1)'*. Part of a broader unit on *'Probability and Counting - Multiple Events - Practice'*

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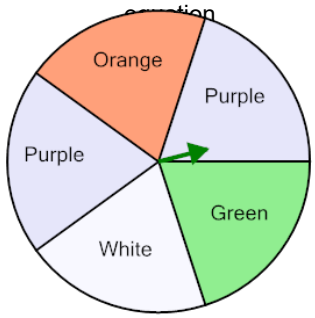
1 Calculate the probability of spinning Orange at least once, given two spins. Show as an equation



P(Orange in 2 spins)

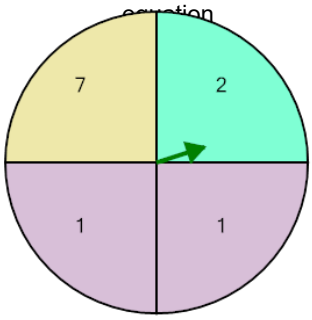
a $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} \cdot \frac{1}{5}$

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

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

d $\frac{2}{3} + \frac{7}{7} \cdot \frac{2}{6}$

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



P(2 in 2 spins)

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

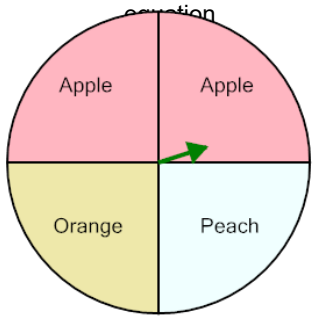
b $\frac{1}{6} - \frac{0}{3} \cdot \frac{8}{2}$

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

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

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

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



P(Peach in 2 spins)

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

b $\frac{7}{3} - \frac{6}{5} \cdot \frac{3}{4}$

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

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

e $\frac{8}{5} + \frac{4}{3} \cdot \frac{5}{6}$

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

P(Soccer in 2 spins)

a $\frac{7}{3} - \frac{3}{3} \cdot \frac{8}{7}$

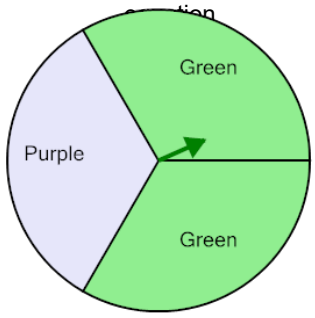
b $\frac{1}{5} + \frac{1}{5} - \frac{1}{5} \cdot \frac{1}{5}$

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

d $\frac{5}{5} + \frac{3}{6} \cdot \frac{4}{5}$

e $\frac{1}{7} - \frac{5}{4} \cdot \frac{3}{7}$

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



P(Purple in 2 spins)

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

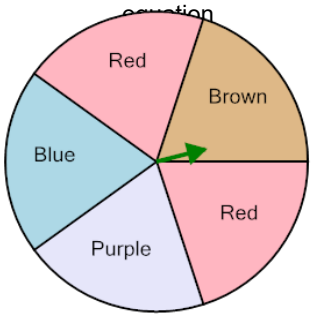
b $\frac{1}{2} - \frac{0}{4} \cdot \frac{5}{1}$

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

d $\frac{1}{5} - \frac{6}{2} \cdot \frac{7}{5}$

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

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



P(Blue in 2 spins)

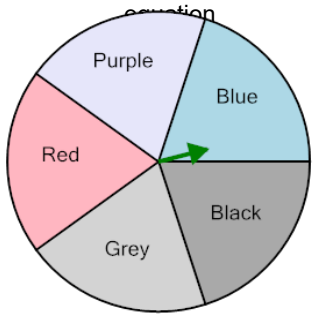
a $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} \cdot \frac{1}{5}$

b $\frac{1}{7} - \frac{5}{3} \cdot \frac{3}{4}$

c $\frac{1}{5} - \frac{5}{3} \cdot \frac{2}{4}$

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

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



P(Red in 2 spins)

a $\frac{3}{4} + \frac{0}{7} \cdot \frac{3}{3}$

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

c $\frac{9}{5} - \frac{5}{3} \cdot \frac{4}{3}$

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

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