

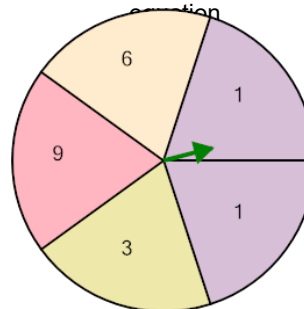


Math worksheet on 'Probability - Spinner, Two Spin Either Answer, To Equation (Level 2)'. Part of a broad unit on 'Probability and Statistics - Probability with Factorials Intro'

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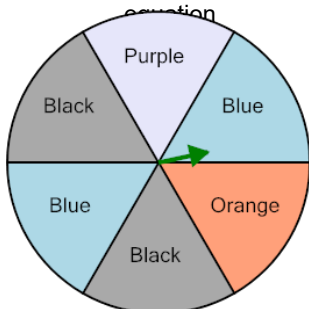
1 Calculate the probability of spinning 1 at least once, given two spins. Show as an equation



P(1 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	$\frac{8}{4} + \frac{4}{7} \cdot \frac{9}{5}$	d	$\frac{8}{4} - \frac{5}{6} \cdot \frac{4}{3}$
e	$\frac{8}{5} + \frac{2}{7} \cdot \frac{10}{3}$		

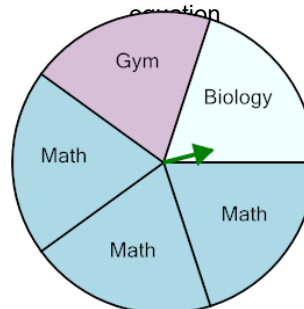
2 Calculate the probability of spinning Blue at least once, given two spins. Show as an equation



P(Blue in 2 spins)

a	$\frac{12}{7} - \frac{7}{8} \cdot \frac{10}{7}$	b	$\frac{2}{6} + \frac{2}{6} - \frac{2}{6} \cdot \frac{2}{6}$
c	$\frac{14}{6} - \frac{5}{7} \cdot \frac{12}{8}$	d	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} \cdot \frac{2}{6}$

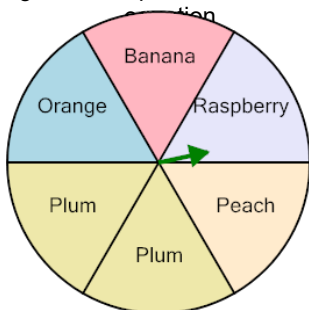
3 Calculate the probability of spinning Math at least once, given two spins. Show as an equation



P(Math in 2 spins)

a	$\frac{13}{4} + \frac{8}{4} \cdot \frac{12}{7}$	b	$\frac{3}{5} + \frac{3}{5} - \frac{3}{5} \cdot \frac{3}{5}$
c	$\frac{10}{3} + \frac{5}{7} \cdot \frac{9}{5}$	d	$\frac{6}{7} - \frac{7}{6} \cdot \frac{13}{3}$
e	$\frac{8}{7} - \frac{3}{5} \cdot \frac{10}{3}$		

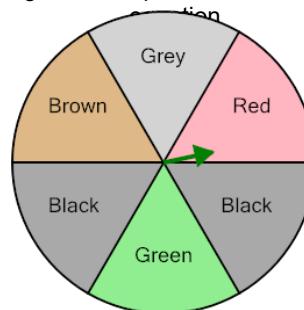
4 Calculate the probability of spinning Orange at least once, given two spins. Show as an equation



P(Orange in 2 spins)

a	$\frac{3}{8} + \frac{0}{8} \cdot \frac{8}{5}$	b	$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} \cdot \frac{1}{6}$
c	$\frac{1}{6} + \frac{1}{6} - \frac{1}{6} \cdot \frac{1}{6}$	d	$\frac{1}{4} + \frac{5}{7} \cdot \frac{4}{8}$
e	$\frac{5}{6} + \frac{3}{8} \cdot \frac{7}{6}$		

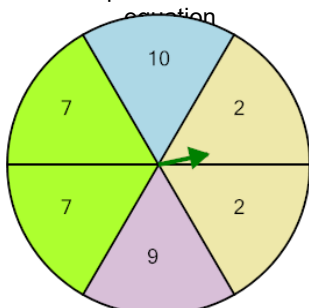
5 Calculate the probability of spinning Red at least once, given two spins. Show as an equation



P(Red in 2 spins)

a	$\frac{4}{6} - \frac{2}{7} \cdot \frac{6}{8}$	b	$\frac{1}{5} + \frac{7}{5} \cdot \frac{7}{7}$
c	$\frac{1}{6} + \frac{1}{6} - \frac{1}{6} \cdot \frac{1}{6}$	d	$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} \cdot \frac{1}{6}$

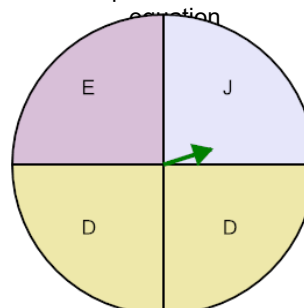
6 Calculate the probability of spinning 2 at least once, given two spins. Show as an equation



P(2 in 2 spins)

a	$\frac{8}{4} - \frac{3}{5} \cdot \frac{6}{4}$	b	$\frac{5}{4} - \frac{2}{6} \cdot \frac{6}{8}$
c	$\frac{2}{6} + \frac{2}{6} - \frac{2}{6} \cdot \frac{2}{6}$	d	$\frac{8}{5} - \frac{5}{8} \cdot \frac{14}{4}$
e	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} \cdot \frac{2}{6}$		

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



P(D in 2 spins)

a	$\frac{8}{6} - \frac{1}{2} \cdot \frac{5}{3}$	b	$\frac{1}{4} - \frac{2}{5} \cdot \frac{1}{2}$
c	$\frac{2}{4} + \frac{2}{4} - \frac{2}{4} \cdot \frac{2}{4}$	d	$\frac{6}{2} + \frac{2}{6} \cdot \frac{4}{6}$
e	$\frac{2}{4} + \frac{2}{4} + \frac{2}{4} \cdot \frac{2}{4}$		