

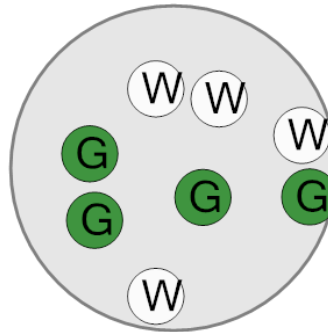


Math worksheet on 'Probability - Shapes, One Set of One Shape, Two Colors - Pick Two by Color, To Fraction (Level 2)'. Part of a broader unit on 'Probability and Counting - Multiple Events - Advanced'

Learn online:

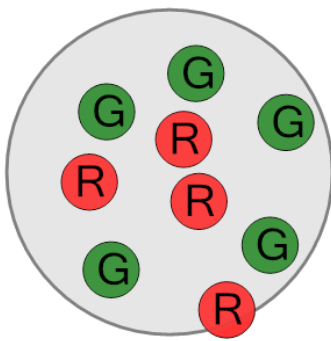
app.mobius.academy/math/units/probability_counting_multiple_event_advanced/

1 What is the chance of drawing two green shapes in a row at random from this bag?



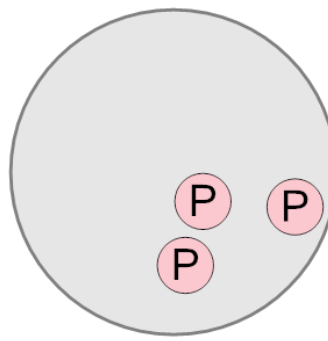
a	$\frac{3}{5}$	b	$\frac{1}{2}$	c	$\frac{2}{2}$
d	$\frac{6}{10}$	e	$\frac{2}{6}$	f	$\frac{12}{56}$

2 What is the chance of drawing two red shapes in a row at random from this bag?



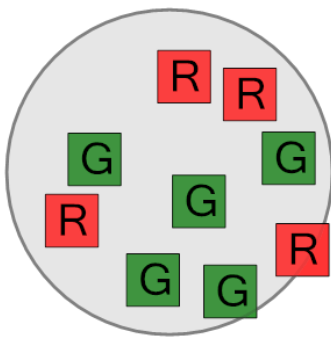
a	$\frac{4}{5}$	b	$\frac{1}{4}$	c	$\frac{6}{10}$
d	$\frac{12}{72}$	e	$\frac{4}{6}$	f	$\frac{3}{4}$

3 What is the chance of drawing two pink shapes in a row at random from this bag?



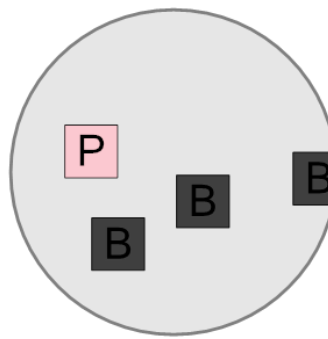
a	$\frac{2}{3}$	b	$\frac{1}{2}$	c	$\frac{3}{5}$
d	$\frac{1}{8}$	e	$\frac{6}{6}$	f	$\frac{3}{4}$

4 What is the chance of drawing two green shapes in a row at random from this bag?



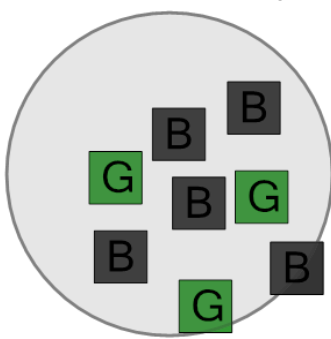
a	$\frac{1}{4}$	b	$\frac{4}{4}$	c	$\frac{1}{2}$
d	$\frac{20}{72}$	e	$\frac{3}{6}$	f	$\frac{2}{3}$

5 What is the chance of drawing two black shapes in a row at random from this bag?



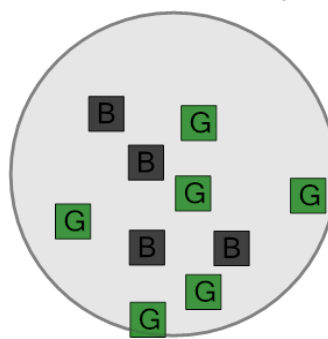
a	$\frac{2}{5}$	b	$\frac{5}{6}$	c	$\frac{3}{3}$
d	$\frac{2}{6}$	e	$\frac{1}{3}$	f	$\frac{6}{12}$

6 What is the chance of drawing two green shapes in a row at random from this bag?



a	$\frac{8}{8}$	b	$\frac{4}{6}$	c	$\frac{6}{56}$
d	$\frac{4}{5}$	e	$\frac{2}{2}$	f	$\frac{1}{3}$

7 What is the chance of drawing two green shapes in a row at random from this bag?



a	$\frac{30}{90}$	b	$\frac{1}{8}$	c	$\frac{1}{2}$
d	$\frac{6}{6}$	e	$\frac{8}{8}$	f	$\frac{2}{5}$