

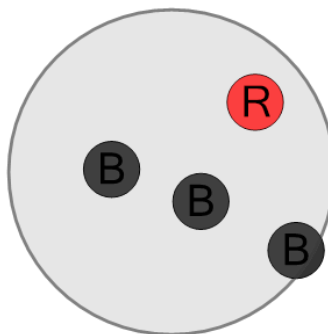


Math worksheet on 'Probability - Shapes, One Set of Two Shapes, Two Colors - Pick Two by Color, To Fraction (Level 2)'. Part of a broader unit on 'Probability and Counting - Multiple Events - Advanced'

Learn online:

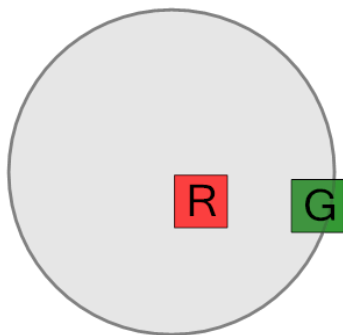
app.mobius.academy/math/units/probability_counting_multiple_event_advanced/

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



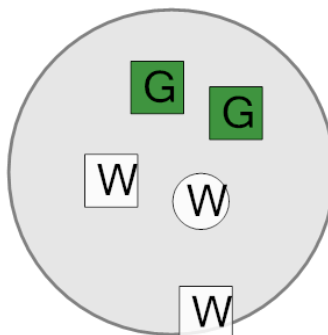
a	$\frac{5}{8}$	b	$\frac{2}{2}$	c	$\frac{8}{10}$
d	$\frac{1}{6}$	e	$\frac{6}{12}$	f	$\frac{5}{6}$

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



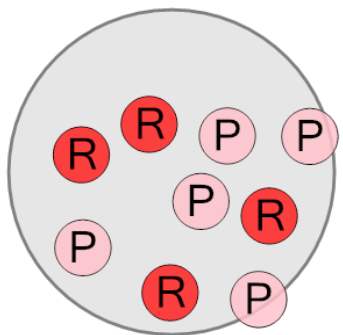
a	$\frac{1}{8}$	b	0	c	$\frac{1}{5}$
d	$\frac{1}{4}$				

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



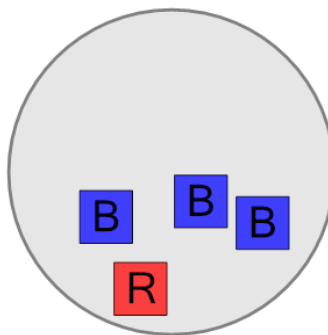
a	$\frac{3}{10}$	b	$\frac{2}{8}$	c	$\frac{5}{8}$
d	$\frac{3}{3}$	e	$\frac{1}{3}$	f	$\frac{2}{20}$

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



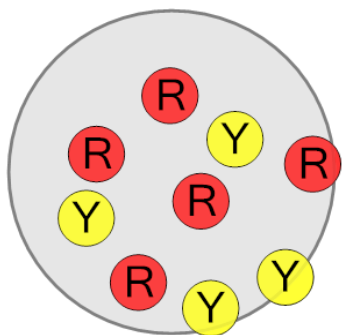
a	$\frac{1}{2}$	b	$\frac{1}{10}$	c	$\frac{3}{3}$
d	$\frac{4}{4}$	e	$\frac{3}{8}$	f	$\frac{12}{72}$

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



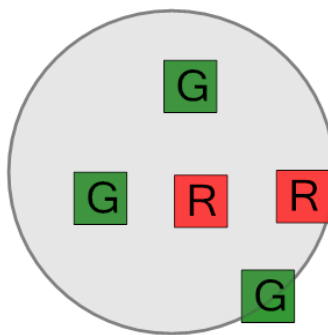
a	$\frac{4}{5}$	b	$\frac{2}{8}$	c	$\frac{6}{12}$
d	$\frac{5}{5}$	e	$\frac{6}{6}$	f	$\frac{3}{3}$

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



a	$\frac{3}{10}$	b	$\frac{1}{3}$	c	$\frac{3}{3}$
d	$\frac{3}{8}$	e	$\frac{20}{72}$	f	$\frac{2}{5}$

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



a	$\frac{1}{5}$	b	$\frac{4}{6}$	c	$\frac{3}{8}$
d	$\frac{6}{6}$	e	$\frac{6}{20}$	f	$\frac{5}{5}$