

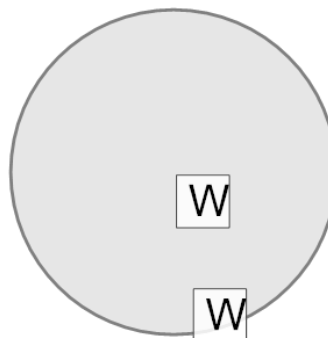


Math worksheet on 'Probability - Shapes, One Set of Two Shapes, Two Colors - Pick Two by Shape, To Fraction (Level 2)'. Part of a broader unit on 'Probability and Counting - Multiple Events - Advanced'

Learn online:

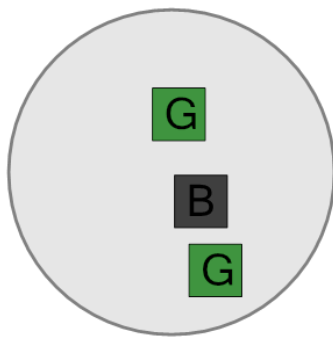
[app.mobius.academy/math/units/probability\\_counting\\_multiple\\_event\\_advanced/](http://app.mobius.academy/math/units/probability_counting_multiple_event_advanced/)

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



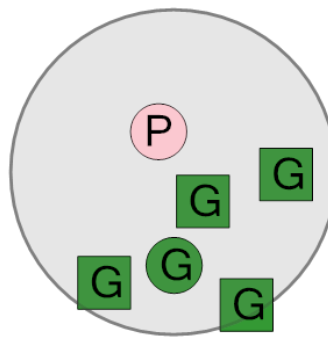
a	$\frac{1}{4}$	b	$\frac{2}{6}$	c	$\frac{1}{3}$
d	$\frac{4}{6}$	e	$\frac{2}{2}$	f	$\frac{2}{3}$

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



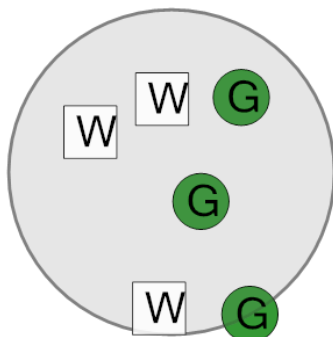
a	$\frac{9}{10}$	b	$\frac{1}{3}$	c	$\frac{2}{6}$
d	$\frac{4}{6}$	e	$\frac{6}{6}$	f	$\frac{3}{8}$

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



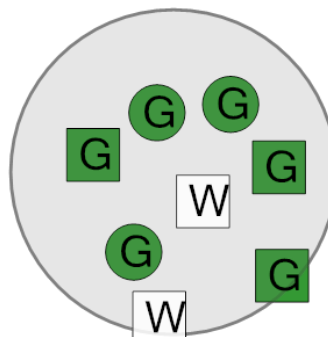
a	$\frac{2}{3}$	b	$\frac{6}{8}$	c	$\frac{3}{3}$
d	$\frac{4}{5}$	e	$\frac{12}{30}$	f	$\frac{2}{2}$

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



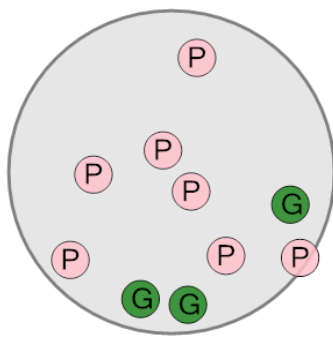
a	$\frac{6}{30}$	b	$\frac{3}{6}$	c	$\frac{2}{2}$
d	$\frac{6}{10}$	e	$\frac{1}{2}$	f	$\frac{9}{10}$

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



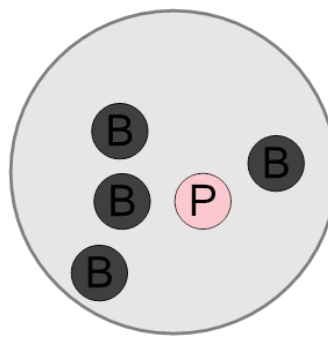
a	$\frac{5}{6}$	b	$\frac{4}{4}$	c	$\frac{1}{3}$
d	$\frac{1}{8}$	e	$\frac{4}{6}$	f	$\frac{20}{56}$

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



a	$\frac{4}{8}$	b	$\frac{1}{2}$	c	$\frac{90}{90}$
d	$\frac{4}{5}$	e	$\frac{3}{10}$	f	$\frac{2}{3}$

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



a	$\frac{20}{20}$	b	$\frac{1}{2}$	c	$\frac{4}{10}$
d	$\frac{1}{3}$	e	$\frac{2}{5}$	f	$\frac{3}{10}$