

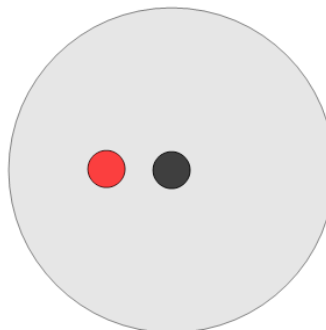


Math worksheet on 'Probability - Shapes, One Set of Two Shapes, Two Colors - Pick Two by Shape and Color, To Fraction (Level 2)'. Part of a broader unit on 'Probability and Counting - Multiple Events - Practice'

Learn online:

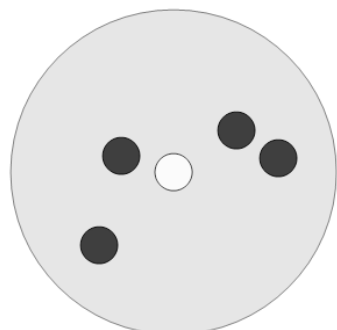
[app.mobius.academy/math/units/probability\\_counting\\_multiple\\_event\\_practice/](http://app.mobius.academy/math/units/probability_counting_multiple_event_practice/)

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



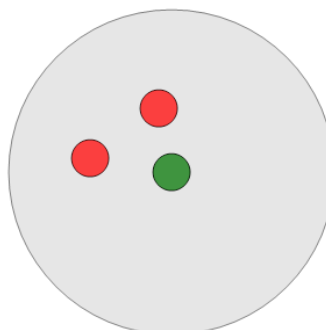
a	$\frac{1}{5}$	b	$\frac{1}{7}$	c	$\frac{1}{3}$
d	0	e	$\frac{1}{5}$	f	$\frac{1}{3}$

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



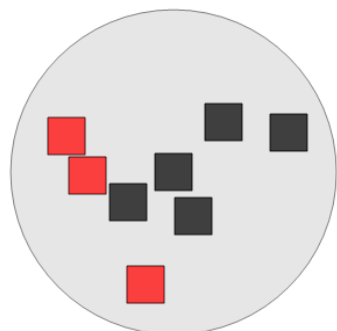
a	$\frac{1}{35}$	b	0	c	$\frac{1}{7}$
d	$\frac{1}{21}$	e	$\frac{1}{41}$	f	$\frac{1}{27}$

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



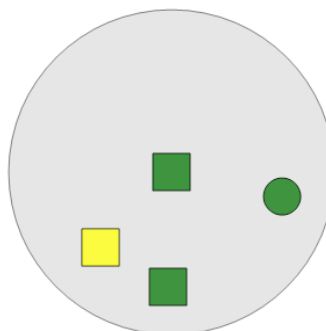
a	$\frac{5}{3}$	b	$\frac{2}{12}$	c	$\frac{3}{14}$
d	$\frac{2}{6}$	e	$\frac{4}{4}$	f	$\frac{3}{7}$

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



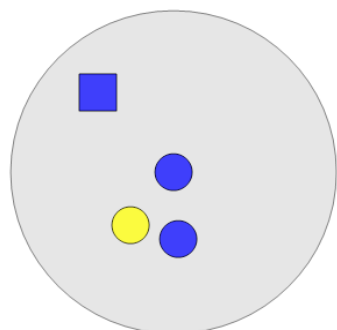
a	$\frac{20}{56}$	b	$\frac{37}{23}$	c	$\frac{6}{69}$
d	$\frac{23}{36}$	e	$\frac{9}{90}$	f	$\frac{35}{66}$

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



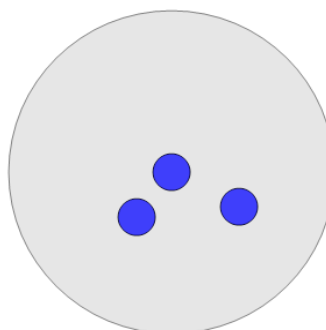
a	$\frac{5}{26}$	b	$\frac{3}{22}$	c	$\frac{2}{12}$
d	$\frac{1}{8}$	e	$\frac{2}{4}$	f	$\frac{3}{27}$

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



a	$\frac{1}{9}$	b	$\frac{1}{9}$	c	$\frac{1}{27}$
d	$\frac{1}{20}$	e	$\frac{1}{6}$	f	0

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



a	$\frac{2}{5}$	b	$\frac{6}{6}$	c	$\frac{12}{9}$
d	$\frac{11}{4}$	e	$\frac{13}{8}$	f	$\frac{12}{8}$