

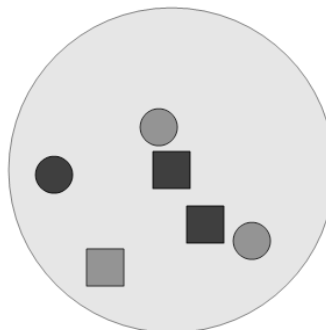


Math worksheet on 'Probability - Shapes, One Set of Two Shapes, Two Colors - Pick One by Shape and Color, To Fraction (Level 2)'. Part of a broader unit on 'Probability and Counting - Single Event - Advanced'

Learn online:

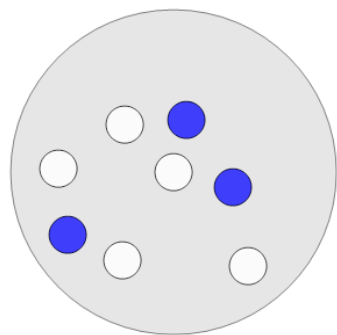
[app.mobius.academy/math/units/probability\\_counting\\_single\\_event\\_advanced/](http://app.mobius.academy/math/units/probability_counting_single_event_advanced/)

1 What is the chance of drawing a black circle at random from this bag?



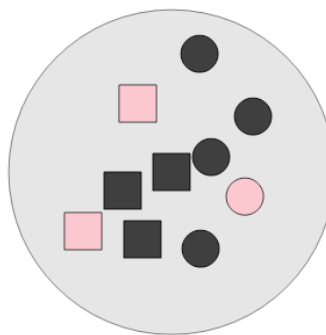
a	$\frac{2}{10}$	b	$\frac{1}{12}$	c	$\frac{2}{15}$
d	$\frac{1}{6}$	e	$\frac{2}{7}$	f	$\frac{1}{9}$

2 What is the chance of drawing a white circle at random from this bag?



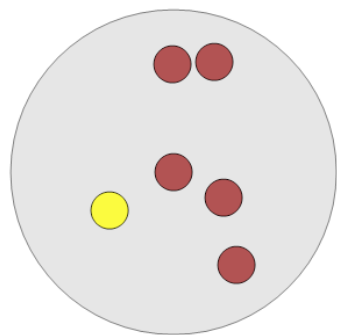
a	$\frac{1}{7}$	b	$\frac{1}{15}$	c	$\frac{5}{8}$
d	$\frac{6}{16}$	e	$\frac{3}{9}$	f	$\frac{10}{9}$

3 What is the chance of drawing a black square at random from this bag?



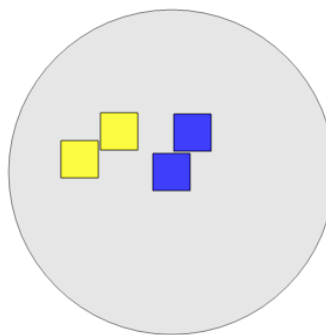
a	$\frac{3}{7}$	b	$\frac{4}{10}$	c	$\frac{4}{6}$
d	$\frac{1}{6}$	e	$\frac{3}{10}$	f	$\frac{5}{21}$

4 What is the chance of drawing a brown circle at random from this bag?



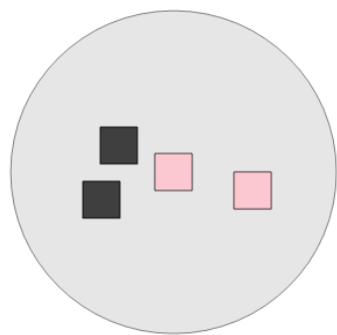
a	$\frac{6}{8}$	b	$\frac{5}{6}$	c	$\frac{4}{4}$
d	$\frac{10}{14}$	e	$\frac{7}{15}$	f	$\frac{2}{13}$

5 What is the chance of drawing a yellow square at random from this bag?



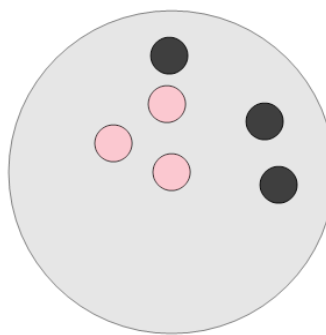
a	$\frac{1}{9}$	b	$\frac{4}{10}$	c	$\frac{1}{7}$
d	$\frac{2}{4}$	e	$\frac{4}{3}$	f	$\frac{1}{8}$

6 What is the chance of drawing a pink square at random from this bag?



a	$\frac{1}{11}$	b	$\frac{2}{4}$	c	$\frac{2}{7}$
d	$\frac{4}{5}$	e	$\frac{1}{5}$	f	$\frac{3}{7}$

7 What is the chance of drawing a pink circle at random from this bag?



a	$\frac{1}{8}$	b	$\frac{3}{3}$	c	$\frac{3}{6}$
d	$\frac{2}{6}$	e	$\frac{5}{15}$	f	$\frac{2}{14}$