

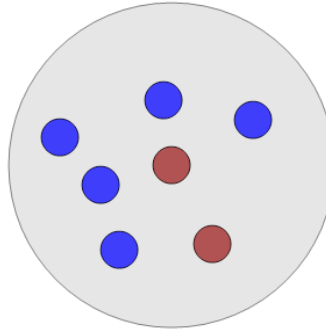


Math worksheet on 'Probability - Shapes, One Set of One Shape, Two Colors - Pick Two by Color, To Fraction (Level 2)'. Part of a broader unit on 'Probability and Counting - Multiple Events - Practice'

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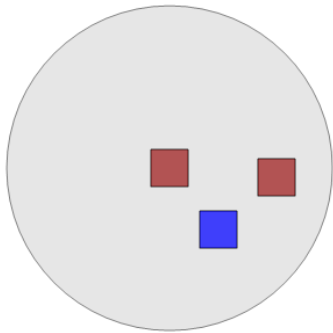
app.mobius.academy/math/units/probability_counting_multiple_event_practice/

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



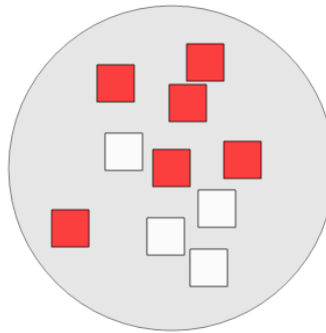
a	$\frac{16}{48}$	b	$\frac{20}{42}$	c	$\frac{13}{42}$
d	$\frac{34}{13}$	e	$\frac{22}{42}$	f	$\frac{40}{71}$

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



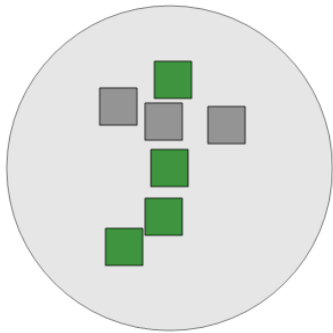
a	$\frac{2}{7}$	b	$\frac{5}{11}$	c	$\frac{2}{6}$
d	$\frac{2}{9}$	e	$\frac{5}{7}$	f	$\frac{5}{4}$

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



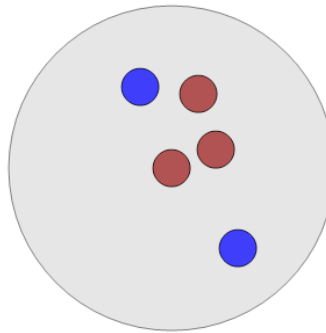
a	$\frac{24}{52}$	b	$\frac{6}{180}$	c	$\frac{12}{90}$
d	$\frac{3}{113}$	e	$\frac{24}{119}$	f	$\frac{9}{124}$

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



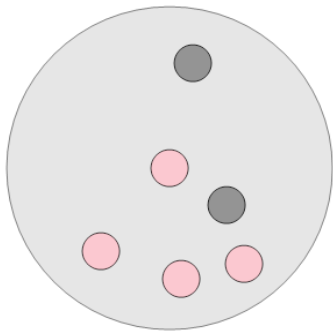
a	$\frac{22}{82}$	b	$\frac{8}{13}$	c	$\frac{10}{29}$
d	$\frac{12}{42}$	e	$\frac{19}{83}$	f	$\frac{25}{32}$

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



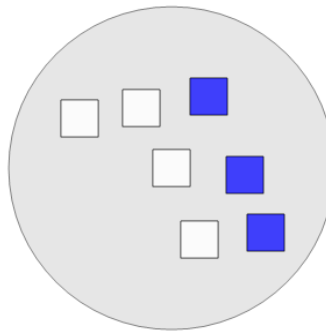
a	$\frac{2}{20}$	b	$\frac{1}{18}$	c	$\frac{5}{3}$
d	$\frac{2}{21}$	e	$\frac{1}{15}$	f	$\frac{3}{10}$

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



a	$\frac{2}{57}$	b	$\frac{4}{59}$	c	$\frac{2}{30}$
d	$\frac{1}{16}$	e	$\frac{3}{37}$	f	$\frac{1}{22}$

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



a	$\frac{3}{26}$	b	$\frac{18}{23}$	c	$\frac{9}{5}$
d	$\frac{15}{51}$	e	$\frac{24}{44}$	f	$\frac{12}{42}$