

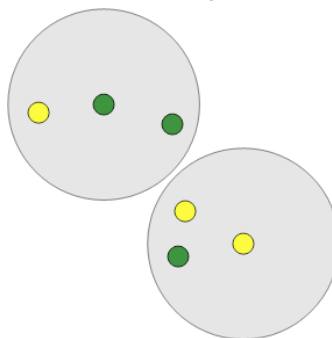


Math worksheet on 'Probability - Shapes, Two Sets of One Shape, Two Colors - Pick Two by Color, To Fraction (Level 1)'. Part of a broader unit on 'Probability and Counting - Multiple Events - Intro'

Learn online:

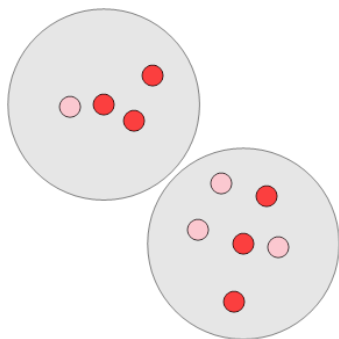
app.mobius.academy/math/units/probability_counting_multiple_event_intro/

1 What is the chance of drawing a green shape at random from both bags?



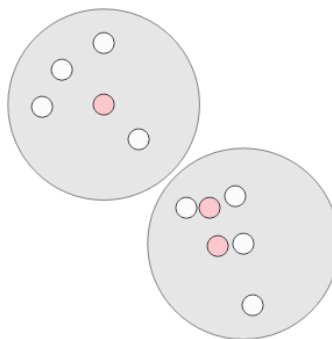
a	$\frac{1}{12}$	b	$\frac{1}{6}$	c	$\frac{2}{9}$
d	$\frac{2}{13}$	e	$\frac{1}{17}$	f	$\frac{3}{7}$

2 What is the chance of drawing a red shape at random from both bags?



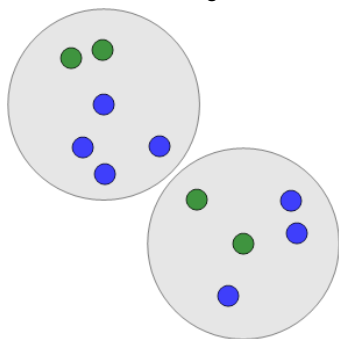
a	$\frac{7}{19}$	b	$\frac{5}{6}$	c	$\frac{2}{33}$
d	$\frac{15}{16}$	e	$\frac{19}{35}$	f	$\frac{9}{24}$

3 What is the chance of drawing a white shape at random from both bags?



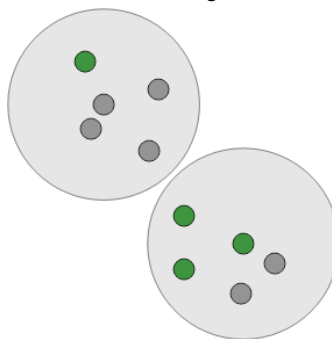
a	$\frac{15}{58}$	b	$\frac{13}{39}$	c	$\frac{16}{30}$
d	$\frac{27}{24}$	e	$\frac{15}{23}$	f	$\frac{10}{63}$

4 What is the chance of drawing a blue shape at random from both bags?



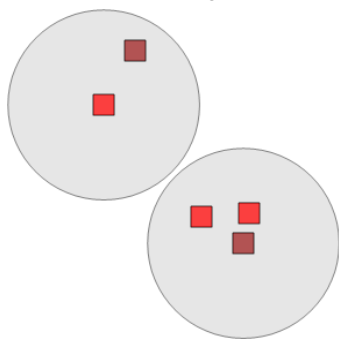
a	$\frac{9}{22}$	b	$\frac{1}{36}$	c	$\frac{10}{14}$
d	$\frac{12}{30}$	e	$\frac{16}{4}$	f	$\frac{18}{51}$

5 What is the chance of drawing a gray shape at random from both bags?



a	$\frac{5}{28}$	b	$\frac{12}{50}$	c	$\frac{2}{25}$
d	$\frac{15}{34}$	e	$\frac{8}{25}$	f	$\frac{4}{5}$

6 What is the chance of drawing a brown shape at random from both bags?



a	$\frac{1}{6}$	b	$\frac{2}{9}$	c	$\frac{3}{10}$
d	$\frac{3}{11}$	e	$\frac{3}{6}$	f	$\frac{2}{6}$

7 What is the chance of drawing a green shape at random from both bags?



a	$\frac{12}{25}$	b	$\frac{2}{32}$	c	$\frac{1}{38}$
d	$\frac{17}{47}$	e	$\frac{21}{8}$	f	$\frac{11}{41}$