

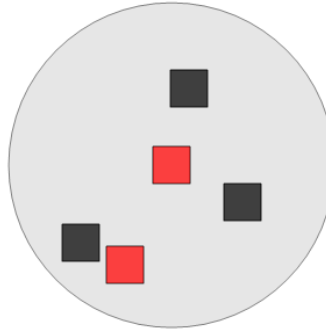


Math worksheet on 'Probability - Shapes, One Set of Two Shapes, Two Colors - Pick One by Shape, To Decimal (Level 2)'. Part of a broader unit on 'Probability and Counting - Single Event - Advanced'

Learn online:

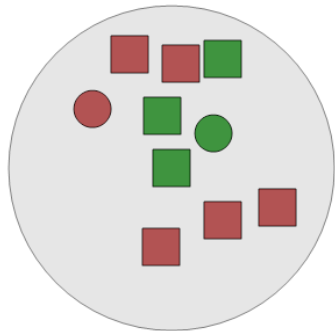
[app.mobius.academy/math/units/probability\\_counting\\_single\\_event\\_advanced/](http://app.mobius.academy/math/units/probability_counting_single_event_advanced/)

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



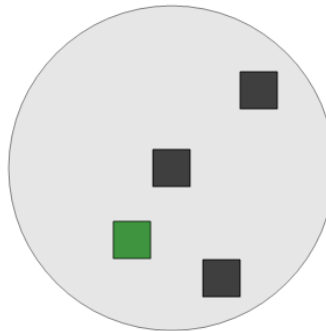
<b>a</b>	<b>b</b>	<b>c</b>
0.5	0.538	0.429
<b>d</b>	<b>e</b>	<b>f</b>
0.25	1	0.083

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



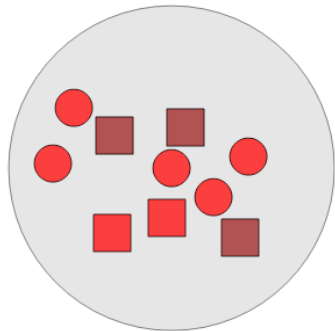
<b>a</b>	<b>b</b>	<b>c</b>
0.333	0.8	1.6
<b>d</b>	<b>e</b>	<b>f</b>
1	1.222	2.429

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



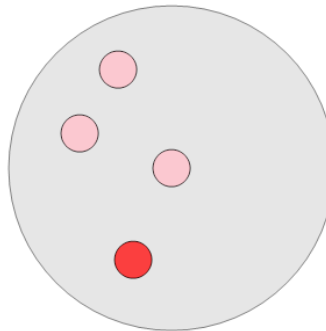
<b>a</b>	<b>b</b>	<b>c</b>
1.6	0.7	1.143
<b>d</b>	<b>e</b>	<b>f</b>
1	2	1.6

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



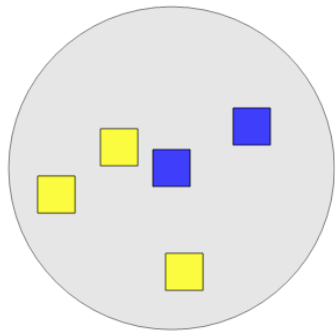
<b>a</b>	<b>b</b>	<b>c</b>
0.5	0.846	0.071
<b>d</b>	<b>e</b>	<b>f</b>
0.75	0.476	0.667

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



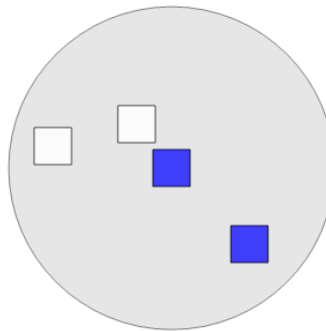
<b>a</b>	<b>b</b>	<b>c</b>
1.286	1.125	2.25
<b>d</b>	<b>e</b>	<b>f</b>
2	1	0.6

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



<b>a</b>	<b>b</b>	<b>c</b>
1.1	1.286	1
<b>d</b>	<b>e</b>	<b>f</b>
0.909	0.417	0.385

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



<b>a</b>	<b>b</b>	<b>c</b>
0.1	3	1.286
<b>d</b>	<b>e</b>	<b>f</b>
1	0.4	0.8