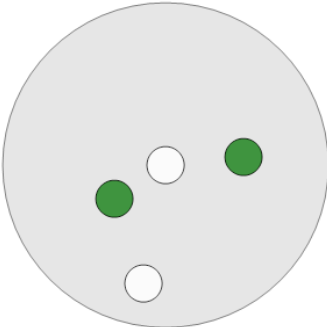# mobius

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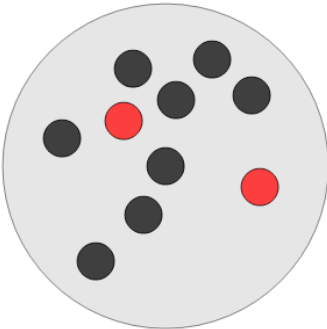
Learn online:

app.mobius.academy/math/units/probability_counting_single_event_advanced/

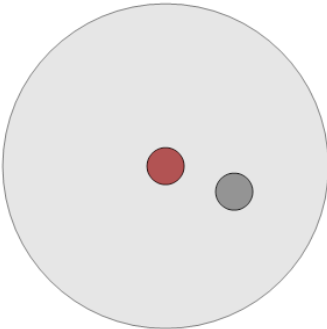**1** What is the chance of drawing a green circle at random from this bag?

a	b	c
50%	27.3%	100%
d	**e**	**f**
20%	100%	16.7%

2 What is the chance of drawing a black circle at random from this bag?
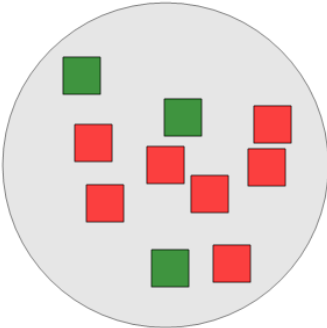
a	b	c
62.5%	4.5%	80%
d	**e**	**f**
100%	52.9%	84.6%

3 What is the chance of drawing a gray circle at random from this bag?
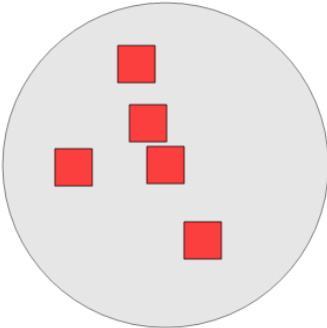
a	b	c
28.6%	50%	25%
d	**e**	**f**
33.3%	33.3%	25%

4 What is the chance of drawing a red square at random from this bag?
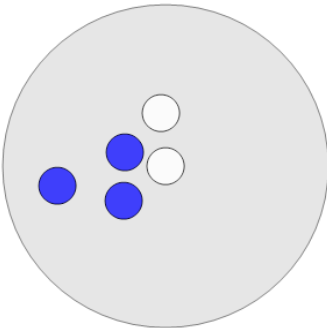
a	b	c
22.2%	70%	39.1%
d	**e**	**f**
78.9%	9.1%	7.7%

5 What is the chance of drawing a red square at random from this bag?
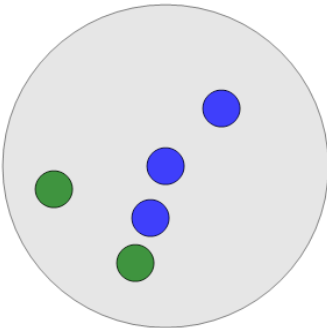
a	b	c
40%	41.7%	11.1%
d	**e**	**f**
71.4%	16.7%	100%

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

a	b	c
55.6%	9.1%	12.5%
d	**e**	**f**
40%	33.3%	12.5%

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

a	b	c
45.5%	50%	175%
d	**e**	**f**
33.3%	80%	60%