

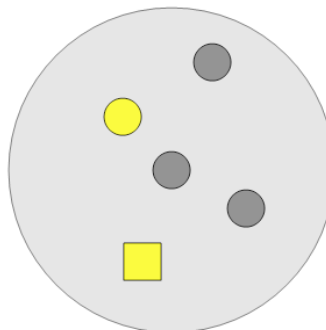


Math worksheet on 'Probability - Shapes, One Set of Two Shapes, Two Colors - Pick Two by Color, To Fraction (Level 1)'. Part of a broader unit on 'Probability and Counting - Multiple Events - Practice'

Learn online:

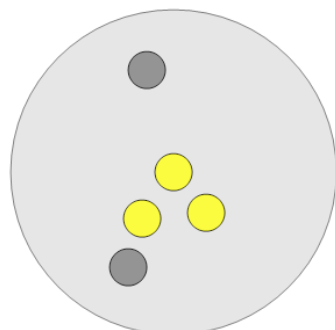
app.mobius.academy/math/units/probability_counting_multiple_event_practice/

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



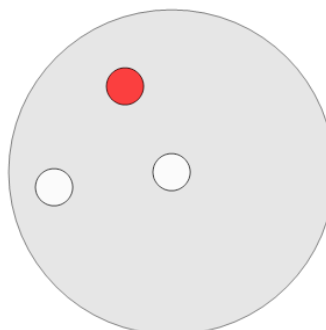
| | | | | | |
|---|----------------|---|-----------------|---|----------------|
| a | $\frac{6}{15}$ | b | $\frac{10}{10}$ | c | $\frac{7}{20}$ |
| d | $\frac{6}{20}$ | e | $\frac{10}{6}$ | f | $\frac{4}{6}$ |

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



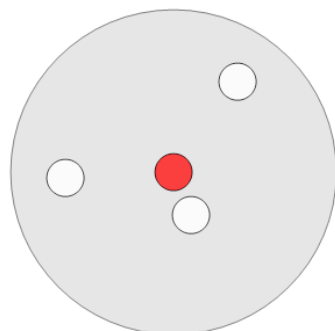
| | | | | | |
|---|----------------|---|----------------|---|---------------|
| a | $\frac{3}{4}$ | b | $\frac{2}{20}$ | c | $\frac{1}{8}$ |
| d | $\frac{3}{22}$ | e | $\frac{5}{27}$ | f | $\frac{1}{4}$ |

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



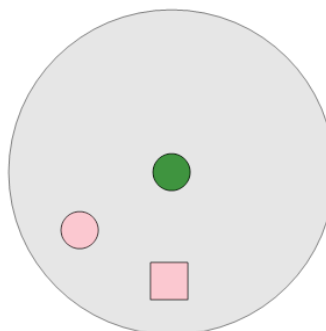
| | | | | | |
|---|----------------|---|---------------|---|---------------|
| a | $\frac{0}{13}$ | b | $\frac{1}{3}$ | c | $\frac{1}{3}$ |
| d | $\frac{1}{5}$ | e | $\frac{1}{6}$ | f | $\frac{1}{6}$ |

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



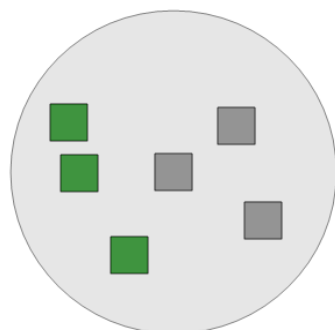
| | | | | | |
|---|----------------|---|----------------|---|----------------|
| a | $\frac{9}{11}$ | b | $\frac{11}{5}$ | c | $\frac{6}{12}$ |
| d | $\frac{7}{6}$ | e | $\frac{9}{3}$ | f | $\frac{2}{27}$ |

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



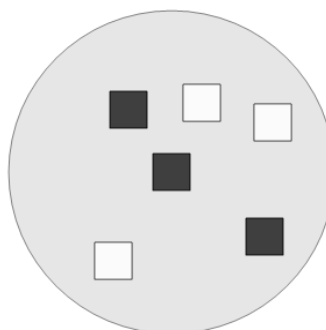
| | | | | | |
|---|---------------|---|----------------|---|---------------|
| a | $\frac{2}{3}$ | b | $\frac{2}{6}$ | c | $\frac{1}{6}$ |
| d | $\frac{3}{5}$ | e | $\frac{1}{11}$ | f | $\frac{2}{9}$ |

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



| | | | | | |
|---|----------------|---|-----------------|---|----------------|
| a | $\frac{8}{14}$ | b | $\frac{4}{17}$ | c | $\frac{7}{48}$ |
| d | $\frac{13}{4}$ | e | $\frac{11}{37}$ | f | $\frac{6}{30}$ |

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



| | | | | | |
|---|-----------------|---|-----------------|---|-----------------|
| a | $\frac{13}{24}$ | b | $\frac{11}{19}$ | c | $\frac{6}{30}$ |
| d | $\frac{4}{51}$ | e | $\frac{1}{38}$ | f | $\frac{12}{50}$ |