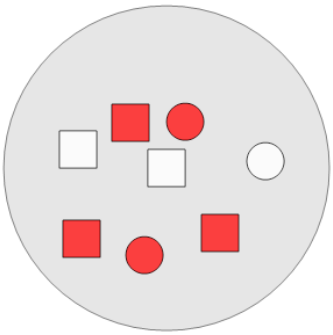
mobius

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

Learn online:

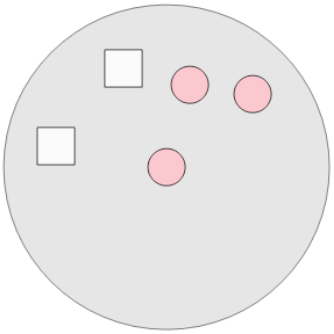
app.mobius.academy/math/units/probability_counting_single_event_intro/

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



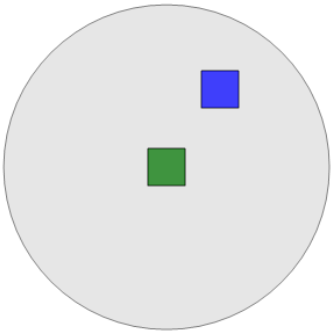
| a | b | c |
|---|---|---|
| $\frac{6}{9}$ | $\frac{4}{10}$ | $\frac{5}{8}$ |
| **d** | **e** | **f** |
| $\frac{6}{9}$ | $\frac{10}{19}$ | $\frac{9}{8}$ |

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



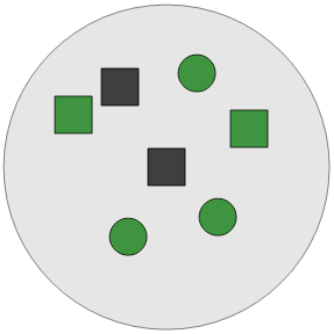
| a | b | c |
|---|---|---|
| $\frac{6}{8}$ | $\frac{6}{13}$ | $\frac{4}{11}$ |
| **d** | **e** | **f** |
| $\frac{1}{4}$ | $\frac{4}{13}$ | $\frac{3}{5}$ |

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



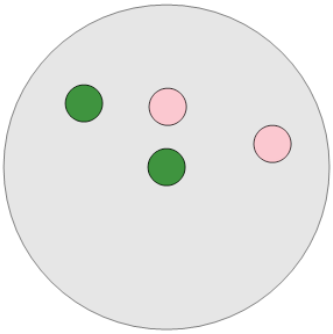
| a | b | c |
|---|---|---|
| $\frac{1}{4}$ | $\frac{5}{3}$ | $\frac{4}{7}$ |
| **d** | **e** | **f** |
| $\frac{3}{7}$ | $\frac{2}{2}$ | $\frac{4}{5}$ |

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



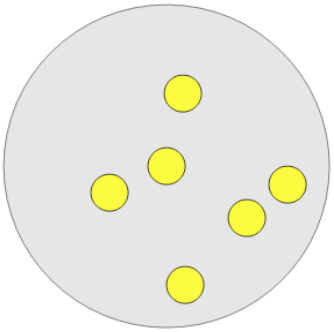
| a | b | c |
|---|---|---|
| $\frac{3}{12}$ | $\frac{3}{7}$ | $\frac{7}{7}$ |
| **d** | **e** | **f** |
| $\frac{7}{6}$ | $\frac{1}{17}$ | $\frac{5}{10}$ |

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



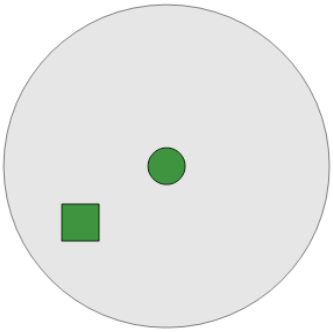
| a | b | c |
|---|---|---|
| $\frac{6}{9}$ | $\frac{2}{9}$ | $\frac{9}{8}$ |
| **d** | **e** | **f** |
| $\frac{4}{4}$ | $\frac{1}{9}$ | $\frac{4}{11}$ |

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



| a | b | c |
|---|---|---|
| $\frac{2}{8}$ | $\frac{9}{4}$ | $\frac{9}{8}$ |
| **d** | **e** | **f** |
| $\frac{8}{3}$ | $\frac{4}{9}$ | $\frac{6}{6}$ |

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



| a | b | c |
|---|---|---|
| $\frac{1}{2}$ | $\frac{3}{7}$ | $\frac{1}{7}$ |
| **d** | **e** | **f** |
| $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{3}{3}$ |