

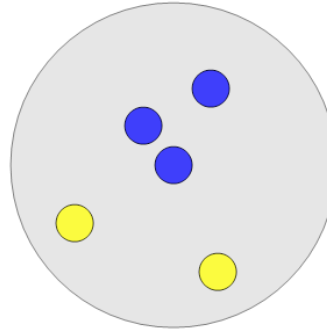


Math worksheet on 'Probability - Shapes, One Set of Two Shapes, Two Colors - Pick One by Color, To Decimal (Level 1)'. Part of a broader unit on 'Probability and Counting - Single Event - Advanced'

Learn online:

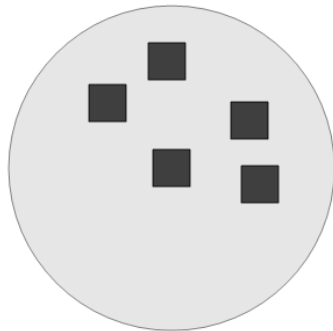
[app.mobius.academy/math/units/probability\\_counting\\_single\\_event\\_advanced/](http://app.mobius.academy/math/units/probability_counting_single_event_advanced/)

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



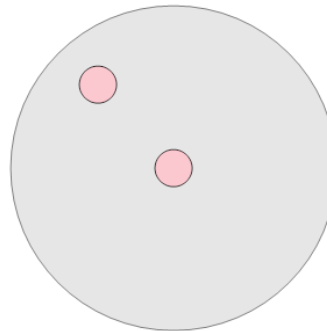
|          |          |          |
|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> |
| 0.1      | 0.167    | 0.4      |
| <b>d</b> | <b>e</b> | <b>f</b> |
| 0.75     | 1.4      | 0.6      |

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



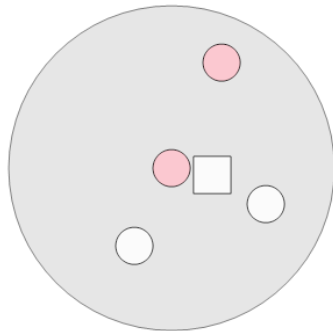
|          |          |          |
|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> |
| 0.538    | 2        | 1.75     |
| <b>d</b> | <b>e</b> | <b>f</b> |
| 1        | 0.167    | 0.2      |

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



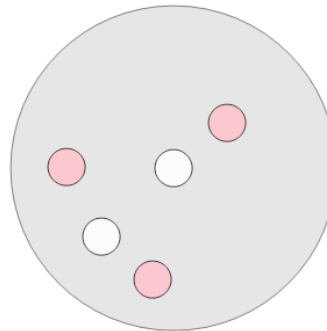
|          |          |          |
|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> |
| 0.167    | 1        | 0.5      |
| <b>d</b> | <b>e</b> | <b>f</b> |
| 0.6      | 0.2      | 0.333    |

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



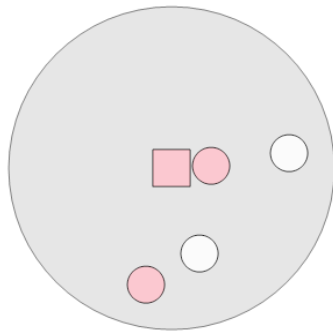
|          |          |          |
|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> |
| 0.429    | 0.182    | 0.417    |
| <b>d</b> | <b>e</b> | <b>f</b> |
| 0.4      | 1.333    | 0.385    |

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



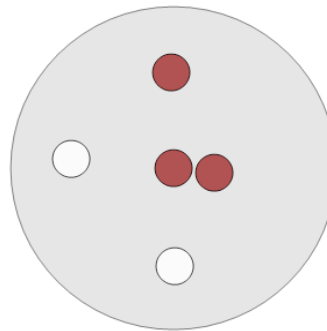
|          |          |          |
|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> |
| 1.333    | 0.75     | 0.333    |
| <b>d</b> | <b>e</b> | <b>f</b> |
| 0.6      | 1.667    | 1.667    |

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



|          |          |          |
|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> |
| 0.571    | 0.167    | 1        |
| <b>d</b> | <b>e</b> | <b>f</b> |
| 0.455    | 0.6      | 0.182    |

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



|          |          |          |
|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> |
| 0.5      | 0.538    | 1.75     |
| <b>d</b> | <b>e</b> | <b>f</b> |
| 0.4      | 0.6      | 0.545    |