

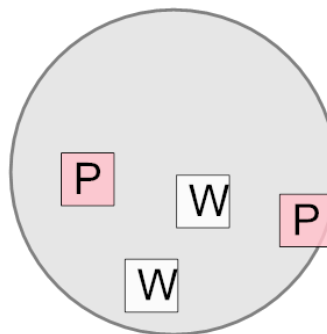


Math worksheet on 'Probability - Shapes, One Set of Two Shapes, Two Colors - Pick One by Shape and Color, To Decimal (Level 1)'. Part of a broader unit on 'Probability and Counting - Single Event - Practice'

Learn online:

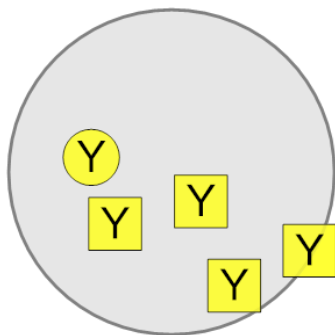
[app.mobius.academy/math/units/probability\\_counting\\_single\\_event\\_practice/](http://app.mobius.academy/math/units/probability_counting_single_event_practice/)

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



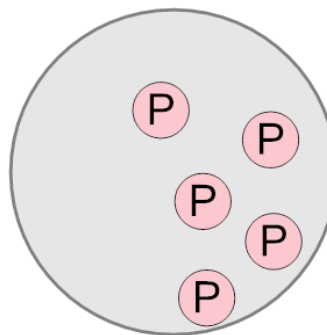
| a     | b     | c    |
|-------|-------|------|
| 0.333 | 0.625 | 0.25 |
| d     | e     |      |
| 0.1   | 0.5   |      |

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



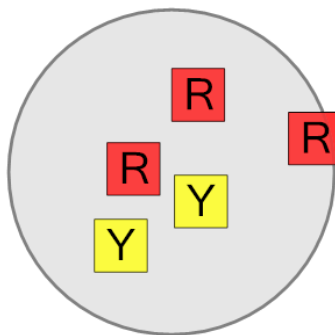
| a     | b     | c    |
|-------|-------|------|
| 0.125 | 0.4   | 0.5  |
| d     | e     | f    |
| 0.2   | 0.333 | 0.25 |

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



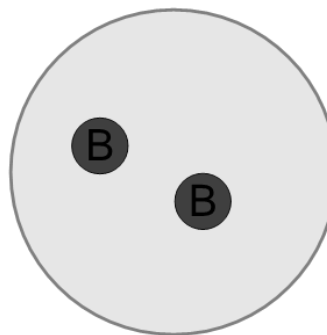
| a     | b   | c   |
|-------|-----|-----|
| 0.667 | 0.5 | 0.2 |
| d     | e   | f   |
| 0.8   | 1   | 0.4 |

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



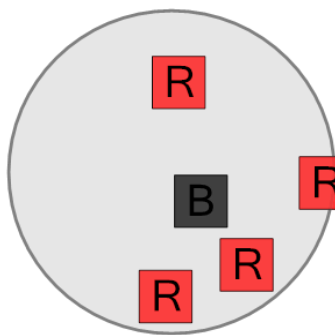
| a   | b     | c     |
|-----|-------|-------|
| 0.8 | 0.167 | 0.625 |
| d   | e     | f     |
| 0.5 | 0.6   | 0.333 |

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



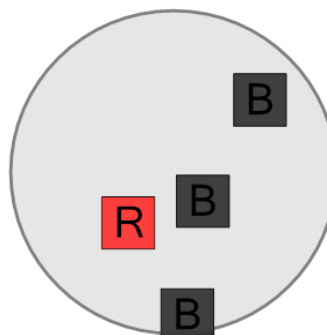
| a     | b     | c     |
|-------|-------|-------|
| 0.375 | 0.3   | 0.5   |
| d     | e     | f     |
| 1     | 0.667 | 0.625 |

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



| a     | b   | c   |
|-------|-----|-----|
| 0.667 | 0.4 | 0.8 |
| d     | e   | f   |
| 0.333 | 0.5 | 1   |

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



| a     | b   | c    |
|-------|-----|------|
| 0.125 | 0.4 | 0.75 |
| d     | e   | f    |
| 0.333 | 0.6 | 0.5  |