1. 12 possible outcomes.



1. P(favorite lunch) =
2. P(at least one favorite lunch item) =

|  |  |  |
| --- | --- | --- |
|  |  | Bucket 1 |
|  |  | red | blue | green | yellow |
| Bucket 2 | red | RR | BR | GR | YR |
| yellow | RY | BY | GY | YY |
| green | RG | BG | GG | YG |

1. P(green from Bucket 1, yellow from Bucket 2) =
2. P(no blue marble) =
3. P(2 blue marbles) =