

1)a) No
b) 100%
c) You don't know in advance which will be the bad one. Probability gives a long-term result when individual outcomes are unknown.
"Seatbelts, so we can be safe." -Dora

2)a) 2.40%
b) 7.20%

3) 10.6%

4) a) 42.7%
b) 57.3%

5) a) 0.00000357
b) yes
c) after/every/before
d) The total number of outcomes is $6^7 = 279,936$.

6a) 38.2%
b) $0.0000537 = 0.00537\%$