Common Sample Spaces

Two Dice
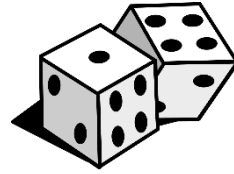
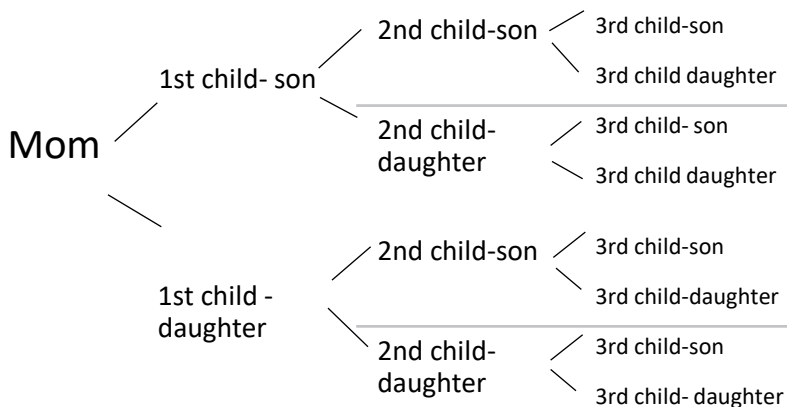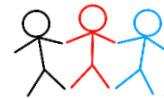|	1	2	3	4	5	6
1	1, 1	1, 2	1, 3	1, 4	1, 5	1, 6
2	2, 1	2, 2	2, 3	2, 4	2, 5	2, 6
3	3, 1	3, 2	3, 3	3, 4	3, 5	3, 6
4	4, 1	4, 2	4, 3	4, 4	4, 5	4, 6
5	5, 1	5, 2	5, 3	5, 4	5, 5	5, 6
6	6, 1	6, 2	6, 3	6, 4	6, 5	6, 6

Two Coins

First Coin	Second Coin	Combination
H	H	HH
H	T	HT
T	H	TH
T	T	TT

Three Children

1st child- son
- 2nd child-son
  - 3rd child-son
  - 3rd child daughter
- 2nd child-daughter
  - 3rd child- son
  - 3rd child daughter

1st child - daughter
- 2nd child-son
  - 3rd child-son
  - 3rd child-daughter
- 2nd child-daughter
  - 3rd child-son
  - 3rd child- daughter

Mom

First	Second	Third	Result
S	S	S	SSS
S	S	D	SSD
S	D	S	SDS
S	D	D	SDD
D	S	S	DSS
D	S	D	DSD
D	D	S	DDS
D	D	D	DDD

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