

Sample Spaces

Rolling Two Dice:

(1,1) (2,1) (3,1) (4,1) (5,1) (6,1)
(1,2) (2,2) (3,2) (4,2) (5,2) (6,2)
(1,3) (2,3) (3,3) (4,3) (5,3) (6,3)
(1,4) (2,4) (3,4) (4,4) (5,4) (6,4)
(1,5) (2,5) (3,5) (4,5) (5,5) (6,5)
(1,6) (2,6) (3,6) (4,6) (5,6) (6,6)

Sum (Outcomes): {2,3,4,5,6,7,8,9,10,11,12}

Tossing Three Coins:

HHH	HHT	HTT	TTT
	HTH	THT	
	THH	TTH	

Tossing Four Coins:

HHHH	HHHT	HHTT	TTTH	TTTT
	HHTH	HTHT	TTHT	
	HTHH	HHTH	THTT	
	THHH	THTH	HTTT	
		THHT		
		TTHH		

Playing Cards:

Red Cards

Hearts: Ace, 2, 3, 4, 5, 6, 7, 8, 9, 10, Jack, Queen, King

Diamonds: Ace, 2, 3, 4, 5, 6, 7, 8, 9, 10, Jack, Queen, King

Black Cards

Spades: Ace, 2, 3, 4, 5, 6, 7, 8, 9, 10, Jack, Queen, King

Clubs: Ace, 2, 3, 4, 5, 6, 7, 8, 9, 10, Jack, Queen, King