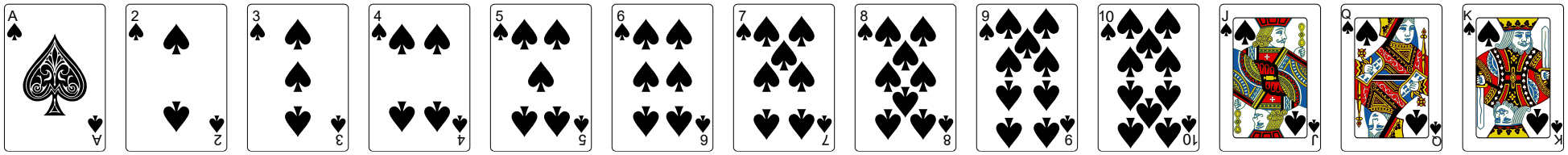
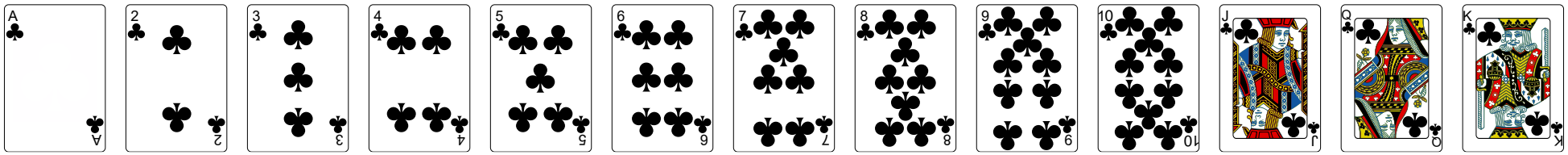
Standard 52-Card Deck - Statistics Reference

Created by Dennis Consorte with graphics by Byron Knoll

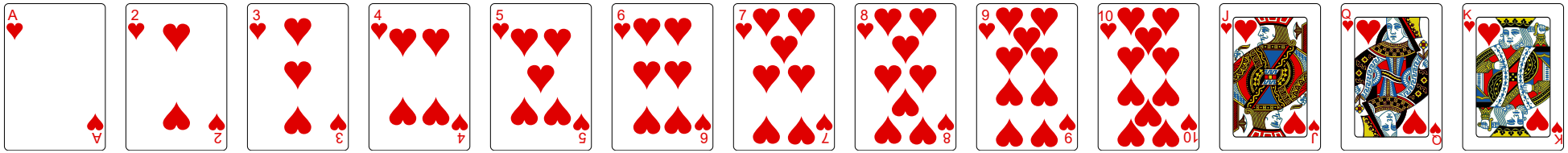
♠ Spades



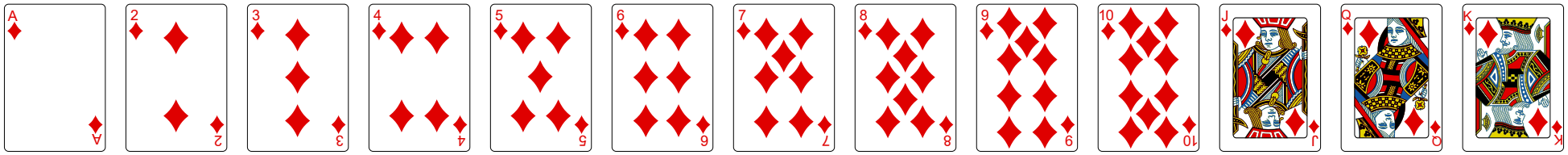
♣ Clubs



♥ Hearts



♦ Diamonds



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

* Jokers (2 per standard deck)

Joker #1 (Black)

Joker #2 (Red / Color)

KEY STATISTICS FOR A STANDARD 52-CARD DECK (EXCLUDES JOKERS EXCEPT WHERE NOTED)

Total cards: 52 (+2 Jokers packaged with deck)

Suits: 4 Spades, Clubs, Hearts, Diamonds

Cards per suit: 13 Ace, 2-10 (9 cards), J, Q, K

Number cards (2-10): 9 per suit = 36 total

Black cards: 26 13 Spades + 13 Clubs
P(black) = 26/52 = 0.5 = 50%

Red cards: 26 13 Hearts + 13 Diamonds
P(red) = 26/52 = 0.5 = 50%

Face cards (J/Q/K): 12 3 per suit x 4 suits
P(face) = 12/52 = 3/13 = 0.231 or ~23.1%

Aces: 4 1 per suit P(ace) = 4/52 = 0.0769 or ~7.7%
(Aces count as 1 or 11 in BlackJack)

P(any one rank): 4/52 = 1/13 ~7.69%
e.g. P(drawing a 7)

P(any one suit): 13/52 = 1/4 = 25%
e.g. P(drawing a Heart)

Unique ranks: 13 A 2 3 4 5 6 7 8 9 10 J Q K

P(Joker) if included: 2/54 ~3.7% when both jokers are in play
(replace 52 with 54 in other calcs)

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