Probability in a Deck of Cards

For this activity the following symbols are used:

F = full deck

R = red cards C = clubs Q = queen

B = black cards D = diamonds J = jack

 S = spades K = king

 H = hearts

  = and  = or

If you are selecting a single card from a deck of cards, determine the probability of the following:

1.  2.  3. 

4.  5. $P(H\bigcup\_{}^{}S)$ 6. 

7.  8. 

9.  10. $P(B\bigcup\_{}^{}D\bigcap\_{}^{}K)$

11. 