

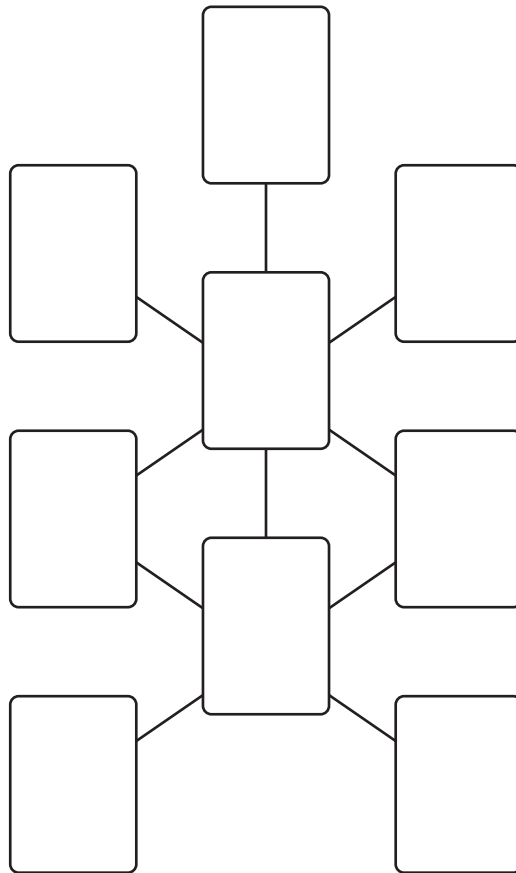
Impossible Sums

Materials

One Mini-Card deck for each player/team (Jokers=0, Aces=1, Jacks=11, Queens=12, Kings=13).

Exercises

1. Terry said it was impossible to place the cards Ace through Nine of a suit on the template so that the sum of each line of 3 cards is 18. Is he correct? Explain.



2. Make your own *Impossible Sums* puzzle using the template in Exercise 1. Record your problem and answer.
 - a. Are all sums even?
 - b. Are all sums odd?