

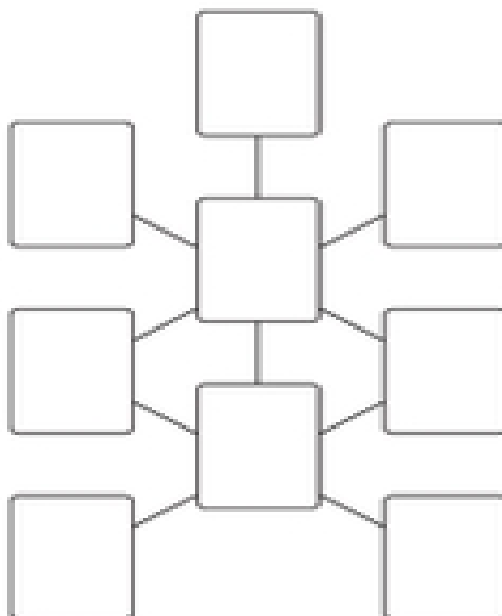
# Impossible Sums

## 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.

- Are all sums even?
- Are all sums odd?

Impossible Sums  
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