

Pick a Card, Not Just Any Card!

You need: one deck of playing cards for you and your partner—Ace-6; pencil; recording sheet

1. Remove all cards that are greater than 6. (Remove the King, Queen, and Jack. Keep the Ace. It is worth 1.)
2. Deal all of the cards left in the deck face down to your partner and yourself.
3. Both of you turn over your top card. Decide together the sum of your numbers and if it is "Less than 10"; "10" or "More than 10".

4. Record the number sentence under the correct column. Example:
Your two cards are 4 and 6. You would write $4 + 6 = 10$ under the "10" column.
5. Keep playing and recording until you use all of your cards.
6. Which column has greatest number of sentences?
7. Why do you think most of the number sentences are in that column?
8. Would your answer be different if you removed cards that were greater than 9 instead of 6? Why?

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More than 10	10	Less than 10