3 People version:
find the sum
find the product
find the difference (tricky)
find the sum of both cards when doubled (challenging)

To play the game with 3 people: One person is the facilitator. The other two people sit facing each other. Both people have a stack of cards in front of them with the numbers 1 through 10 on them. Playing cards or numeral cards may be used. The facilitator names the game to be played. For example, find the sum. Each of the participants picks a card from their stack and without looking at it holds it on their forehead so that the other player can see it. The facilitator announces the sum of the two cards. The participants then must figure out the number on the card that they are holding by looking at their opponent’s card and finding the missing number.

2 Person version
find the square of the number
find the double
find the double plus 1
plus 10

To play the game with 2 people: One person is the facilitator and the other person is the participant. The facilitator announces the type of game that they will play. For example, the facilitator might announce that they are playing doubles plus one. The participant then picks up a card without looking at it and holds it on his forehead so that the facilitator can read it. The facilitator then figures what the answer would be if the number on the card were doubled, and one was added to it. The facilitator then announces that number and the participant has to name what the number is on the card that he is holding.

When playing the 3-people version be sure that both people answer, otherwise a player could just let the other player answer and not try. Or maybe they are trying but need more time, so we need to validate that effort. It isn’t about who wins, it’s about what we have learned.

While students are playing games, the teacher has the time to go around and observe the facts that students know. The teacher could use a check off sheet with student names on it to check the facts that each student knows.