***Secret Pairs - multiplication***

**Materials**: deck of cards (only use 1 through 5) *vary cards used to change difficulty*

**2 Players**

Each player is dealt 4 cards. Players then arrange their cards into 2 pairs, face down on a dry erase board in front of them, keeping these pairs secret from the other player. Write the product next to each face-down pair.

The other player looks at a product and tries to guess which two numbers are on the hidden cards to produce the given product. *(ex. your secret pair is 4 and 3 you wrote down 12. If your partner guesses “4 and 3” they get to keep the two cards. If they guess “6 and 2”, you get to keep the cards).*

Players then swap roles. Once both have guessed each other’s pairs, deal out 4 more cards to each player and repeat. Continue until all cards are gone. Winner is the player with the most cards at the end of the game.

**20**

**10**

**4**

**6**

***Variations:***

***Easier*** – Use fewer cards (0-3, 1-4, etc.)

***Harder –*** Use more cards (0-8, 1-9, etc.)