



Sum War

Game 12, p. 49 (Derived Fact Strategies - Addition and Subtraction)

Game Goal: Have the greater sum to collect cards each round.

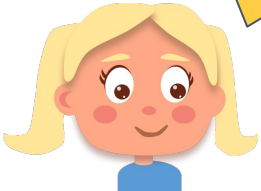
Materials: 0-10 deck of cards, one Sum War recording sheet and one dry-erase marker per player

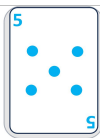
How to Play (2 players):

1. Divide the cards evenly between the two players.
2. Both players flip over their top two cards and call out the sum of their numbers.
3. Each player takes turns saying their answer and sharing their thinking strategy. Both players decide if the sums are correct.
 - a. If both players correct: The player with the larger sum wins all played cards.
 - b. If one player is correct: That player wins all played cards.
 - c. Neither player is correct: Cards go to the bottom of each player's deck.
4. If there is a tie (equal sum), it is a "war" and partners repeat steps 2-3.
5. Play continues until one of the decks is gone or time is called.


Game in Action:

*I used a near double.
5 + 5 = 10 so 5 + 6 = 11!
Your sum is greater, so you
get the cards.*







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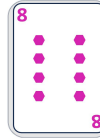
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*I made a 10. I moved 2
from 4 to make 2 + 10. My
sum is 12! My sum is
greater, so I get the cards.*





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Equation	I won?
Ex. 5 + 6 = 11	6

Equation	I won?
Ex. 4 + 8 = 12	✓

Variations:

- Vary range of numbers in deck for targeted practice of facts.
- Play *Fixed Sum War* by choosing an addend that remains every round. For example, if one addend is fixed as 9, then players flip over one card that is added to 9 each round.
- Play *Difference War* by subtracting to find the greater difference (provided).