

Equal Sum Duel

Materials: equal sum cards (cut out)

Directions:

1. Mix up the cards and scatter them facedown on the table.
2. Player 1 flips over 2 cards. If the sum of both the cards shown is equal you may keep the cards. If the sums are not equal you must turn the cards facedown again.
3. Player 1 must explain his/her thinking with the following statements:

“The sum of ___ + ___ is equal to the sum of ___ + ___ because ...”

Or

“The sum of ___ + ___ is not equal to the sum of ___ + ___ because ...”

4. Continue taking turns until all the pairs with equal sums have been found.
The player with the most pairs wins!

Example:

$$3 + 5$$

$$7 + 2$$

“The sum of $3 + 5$ is not equal to the sum of $7 + 2$ because $3 + 5 = 8$ and $7 + 2 = 9$. I know that 8 and 9 are not equal.”



$4 + 2$

$4 + 2$

$3 + 2$

$4 + 1$

$5 + 2$

$4 + 3$

$4 + 4$

$8 + 2$

$2 + 6$

$4 + 5$

$6 + 3$

$4 + 6$



$1 + 2$

$0 + 3$

$5 + 0$

$1 + 4$

$2 + 5$

$1 + 6$

$3 + 5$

$7 + 1$

$2 + 7$

$4 + 5$

$3 + 7$

$6 + 4$



"The sum of
____ + ____ is
equal to the sum
of ____ + ____
because..."

"The sum of
____ + ____ is
not equal to the
sum of ____ +
____ because ..."

"The sum of
____ + ____ is
equal to the sum
of ____ + ____
because ..."

"The sum of
____ + ____ is
not equal to the
sum of ____ +
____ because ..."