

SALAMANDER COMBINE IT

Salamander Combine It is a fun place value game to help children learn to combine tens and ones. There is also some strategy used in the game to try to make as many lines of 3 counters as you can whilst preventing your opponent making lines of 3.

Age range: 1ST Grade +

Number of players: 2-4

Learning:

- Place value – combining tens and ones, and strategic thinking.

You will need

- Each player needs a set of counters of their own color:
 - o 2 player game – 15 counters each
 - o 3 or 4 player game – 10 counters each
- 2 coins to use as special counters
- A piece of paper to record scores

Instructions

- Take the 2 coins and put them in the middle of each of the smaller squares (on the number 50 and the number 5).
- Player 1 moves each of the coins one square either up, down, left or right. Player 1 then combines the tens and ones of the numbers under the coins to make a 2 digit number. Player 1 then places a counter on the number on the 100 square (unless it is already covered).
- Player 2 then moves each of the coins one square (up, down, left or right) and combines the number under the coins to make a new 2 digit number.
- If you can't make any number on one of the uncovered squares, it is the next player's turn.
- The game finishes when any player places their last counter. Scores are then added up.
- Score 10 points for each line of 3 counters (horizontally or vertically only) completed. The winner is the player with the highest score.

Example:

- Player 1 moves the tens coin to 20 and the ones coin to 4. Player 1 places a counter on number 24. Player 2 moves the tens coin to 30 and the ones coin to 7. Player 2 places a counter on 37.

Variations

- Allow diagonal moves of the coins to make the game quicker.
- Alternative winning strategy: the winner is the first player to get 4 counters in a row.

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|----|----|----|
| 10 | 20 | 30 |
| 40 | 50 | 60 |
| 70 | 80 | 90 |

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|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |



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|----|----|----|----|----|----|----|----|----|-----|
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |