

Shut the Box



Addition Basic Facts

K.OA.5. (fluency to 5) 1.OA.5, 1.OA.6 (fluency to 10) 2.OA.2 (fluency to 20)

You need

- one or more players
- two dice
- paper and pencil

How to Play

Write the numbers 1 through 9 in order in a horizontal row on the paper. Player 1 rolls the dice and calculates the sum of the two numbers. Player 1 then chooses to cross out numbers that have the same sum as what was calculated from the dice roll. **Example:** If a sum of 4 is rolled then the player can choose to cross off, 1 + 3, or 2 + 2, or 4. If the numbers 7, 8 and 9 are all covered, player 1 may choose to roll one or two dice. If any of these numbers are still uncovered, the player must use both dice. Player 1 continues rolling dice, calculating the sum and crossing out numbers until they can no longer continue. If all numbers are crossed out the player says “shut the box”. If all numbers are not crossed out player 1 determines the sum of the numbers that are not crossed out and that is their score. If “shut the box” is achieved, player 1 records a score of “0”.

Player two writes the numbers 1 through 9 and follows the same rules as player 1. The player with the lowest score wins.

Variations: For Kindergarten students will write the numbers 1-5 in a horizontal line and use cubes with either dots or numerals or mixed that have 1,2,3,1,2,3 and 0,1,2,0,1,2. For a second grade extension students write 1-20 in a horizontal line and use 3 dice with 0-5, 1-6, and 4-9.

*Remember you can cross off the same sum as what was calculated on the dice roll with different combinations.

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