The Number-Cubes Game

Students should play this game with a partner. To play the game, each pair needs three number cubes and the table below. Player 1 starts by rolling all three number cubes and arranging the number cubes to make a three-digit number. Then s/he records the number in the Standard Form column.

Player 2 then writes the number in expanded form in the other column.

Player 1 then checks the answer, and if it is correct, gets a point. It is then Player 2’s turn to roll the number cubes and continue the game.

The person with the most correct answers wins the game. This game can also be played with more number cubes to practice expanded notation to higher place values.

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| Standard Form | Expanded Form |
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