Around the House

Game 22, Pg. 60 (Derived Fact Strategies - Addition and Subtraction)

Game Goal: Create expressions that are equal to the numbers around the house. The first to cross out each number wins.

Materials: three dice, one Around the House gameboard and dry-erase marker per player

How to Play (2 or more players):

1. Player 1 rolls all three dice. Player 1 then uses addition and/or subtraction with 2 or all 3 of the numbers rolled to make an expression equal to 1.

2. If Player 1 can make an expression equal to 1, they record it on their gameboard, cross out the 1, and continues their turn.

3. *Without rerolling*, Player 1 then tries to make an expression equal to 2. If successful, then continue to 3, and so on.

4. When Player 1 cannot use the rolled dice to create an equivalent expression for the next number, they pass the dice to Player 2.

5. Player 2 rolls the dice and repeats the process on their own gameboard.

6. When Player 2 is unable to make an expression, Player 1 rolls the dice and continues where they left off.

7. The first player who crosses out all the numbers around their house, in order, wins.
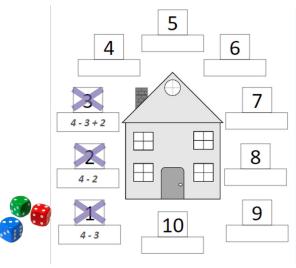
Game in Action:

This player rolled 3, 2, and 4. They were able to create expressions equivalent to 1, 2, and 3 by adding and/or subtracting the numbers they rolled.

Variations:

- Players cross off the numbers in any order.
- Use 10-sided dice (treat 0 as "10")
- Use the 1-20 gameboard with three 10-sided.

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