



Rectangle Rumble

Game

Grade Level: 3,4

Topic: **Geometry, Multiplication, Addition**

This is a great game for practicing calculating area and perimeter of rectangles. Since this game relies on simple formulas, it is better to play this game after your child has learned about area and perimeter in school and has a good conceptual understanding of what each of these are. Not only will this game help solidify the different calculations for area and perimeter, but it will also provide extra practice with multiplication facts and multi-digit addition.

What You Need:

- deck of cards (Ace through 10)
- pencils and paper

Instructions:

First, take out the face cards from your deck of cards (though if you are looking for more of a challenge, leave them in and jack = 11, queen = 12, and king = 13). Shuffle the cards and place the deck face down in the middle of the players.

For each round, each player draws two cards. These two cards indicate the length and width of that player's rectangle. The player's goal is to create the largest number, and their choice is to either find the area or the perimeter of their rectangle. This will require calculating both, and then determining which one is larger.

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