



Rectangle Fit

Game 35, p. 97 (Derived Fact Strategies - Multiplication and Division)

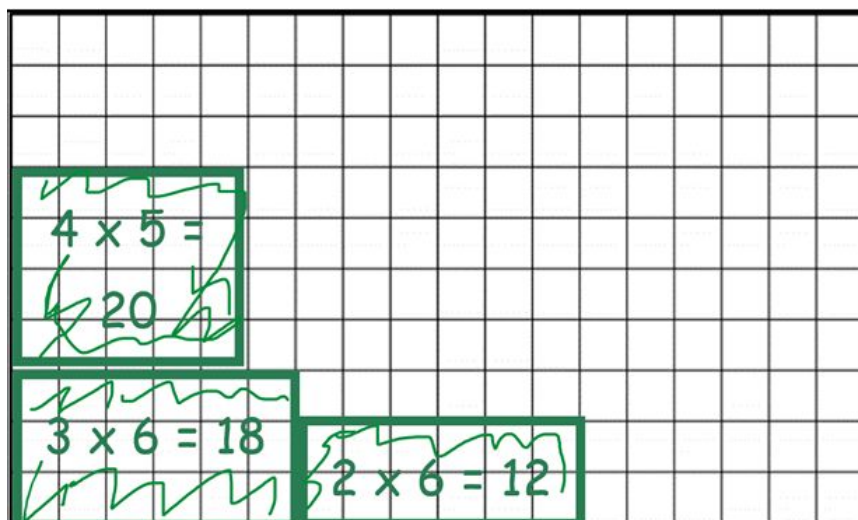
Game Goal: Stay in the game the longest by being able to fit more rectangles.

Materials: two dice, one Rectangle Fit gameboard or centimeter grid paper (1 or 2 cm) per player, markers (dry-erase if gameboard is laminated)

How to Play (2 or more players):

1. A leader (or a player) rolls both dice and calls out the two numbers (e.g. “6 and 3”).
2. Every player decides the location and orientation where they can best fit a rectangle with the dimensions rolled. Rectangles cannot overlap.
3. Players record the related multiplication fact inside the rectangle on their gameboard (e.g., $6 \times 3 = 18$ or $3 \times 6 = 18$).
4. Leader (or players taking turns) continue to roll both dice and all players fit each related rectangle. If a player cannot fit a rectangle, they are out of the game.
5. The last player(s) in the game are the winners.

Game in Action:



The first three dice rolls are 6 and 3, 4 and 5, and 2 and 6. Player 1 has outlined each rectangle and recorded the related fact.

Variations:

- Use 10-sided dice or customize dice for targeted practice.
- Use “Extended Play” gameboard for longer game play or when dice have larger numbers.