

# Guess My Rule

The object of the game is to guess the rule for the Rule Machine by looking at the patterns in the table. This game is for two players.

The input number is 2.



Rule:

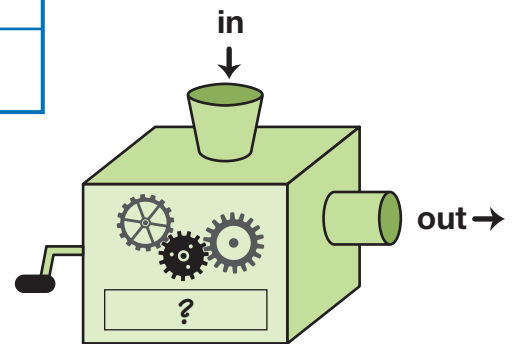
Input	Output
2	8
4	10
7	13
9	15

Then the output is 8.



## Materials

- Guess My Rule Data Tables
- connecting cubes, optional



## Directions

1. One player is the Rule Machine. This player thinks of a rule and writes it on a piece of paper but does not tell it to the other player.
2. The other player is the Guesser. The Guesser gives the Rule Machine an input number and the Rule Machine tells the output number.
3. Record the input and output numbers in your table.
4. Steps 2 and 3 are repeated until the Guesser is able to correctly guess the rule. Write the rule in the box above the data table.
5. In the next round, players exchange roles.

## Guess My Rule Data Tables

Rule:	
Input	Output

Rule:	
Input	Output

Rule:	
Input	Output

Rule:	
Input	Output