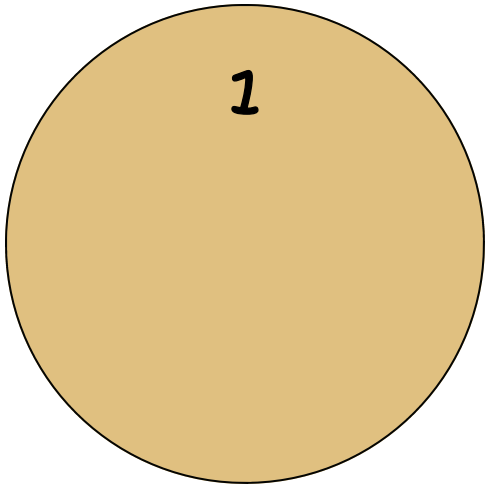
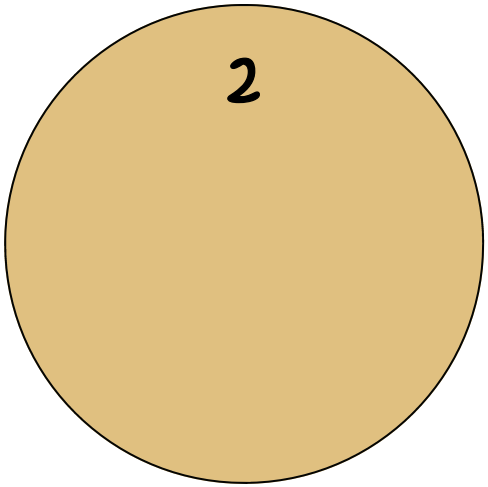
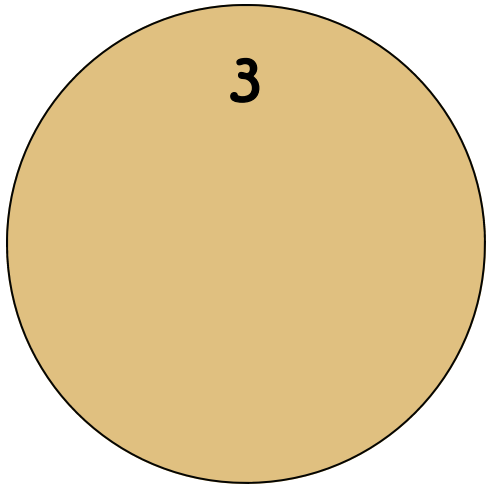
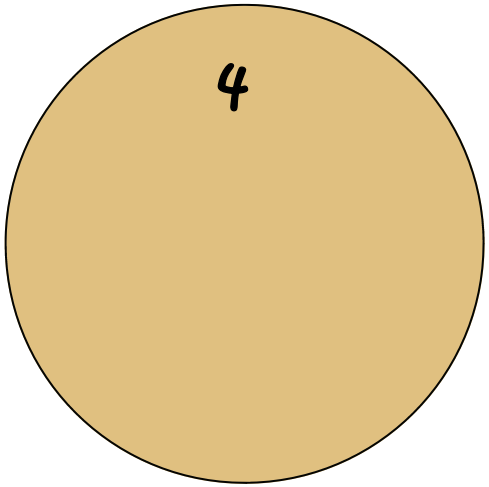
# Great Cookie Race

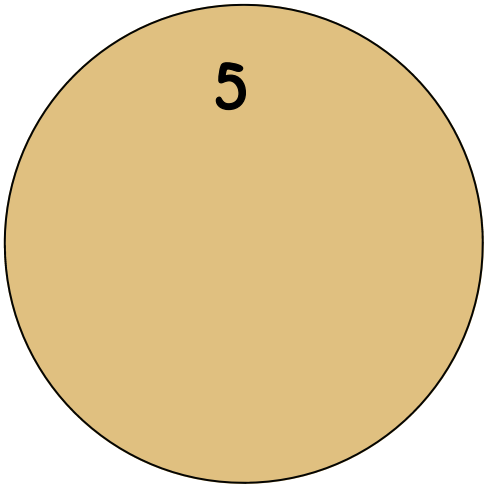
**Prediction:** number of chips needed so that each cookie has 8 chips.

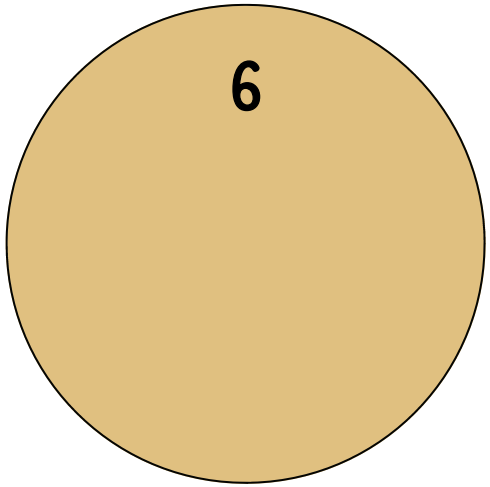


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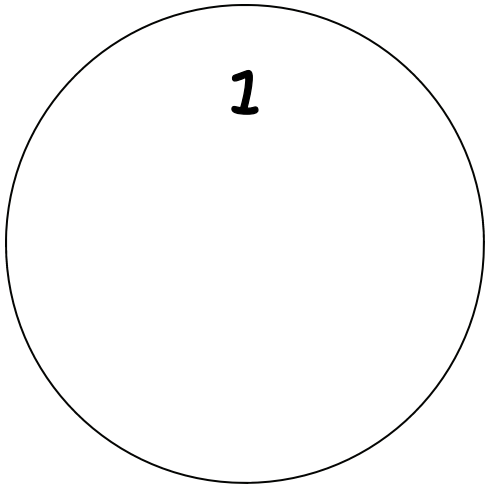


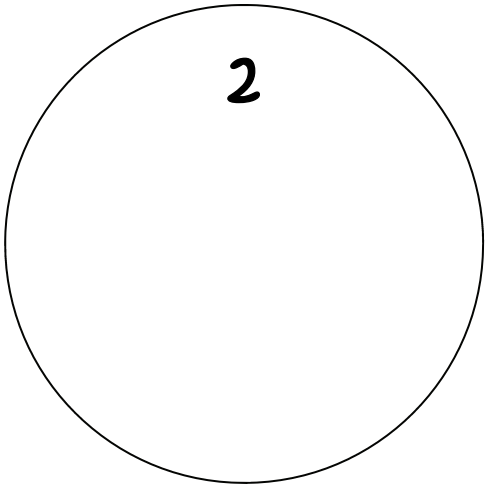


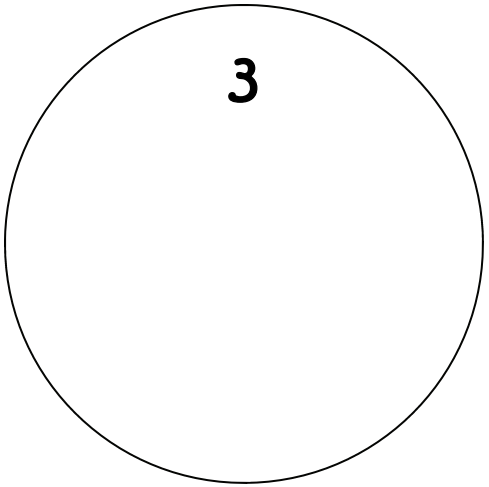


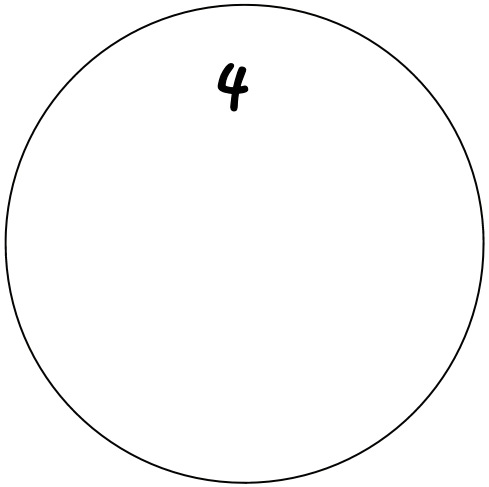


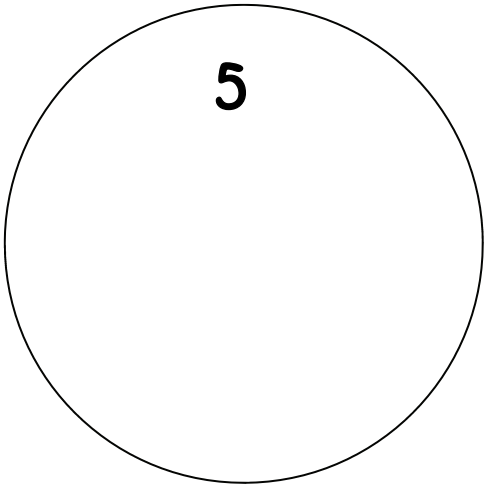


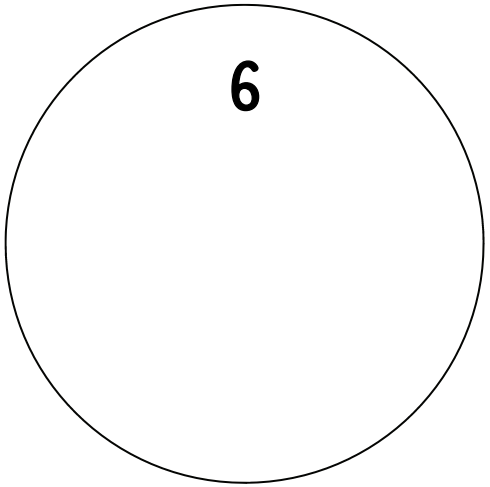

# Great Cookie Race

**Materials (per student):**

- Great Cookie Race Gameboard (laminated or inserted in sheet protector)
- Dry-erase pen & eraser
- One die

**Directions:**

- We are making cookies with milk chocolate, white chocolate, and peanut butter chips to sell to raise money for our trip. Each cookie needs to get eight chips total, but what kind does not matter.
- Pick a partner to play the game with. Each of you should have 1 die, a marker, eraser and a board with six blank cookies on it.
- How many chips do you think it will take to fill all of the cookies? Write your predictions down at the top of your paper.
- You are going to race to see which one of you can fill their cookies first. The person who wins twice wins. You will not play more than three games.
- Roll the die to see which cookie gets a chip. Mark each number when it comes up on a roll. Continue rolling until all six cookies have eight chips. The winner fills all of their cookies first.
- After each of you finishes, please record the number of rolls it took you to reach 8 chips per cookie on the chart on the board.