**Bull’s Eye**

****With teams made up of 3-4 students, each team will be given a set of cards. Using these cards, the teams must use any combination of operations to come up with one of the “target numbers,” which are preselected by the judges.

**How to Play**:

* To start, cards will be revealed to both teams simultaneously. Each team tries to combine the numbers to make one of the three chosen “target numbers."
* Players may use exponents, as well as add, subtract, multiply, and divide, the numbers in any order, but they may not put two cards together to make a two-digit number.
* Each card may be used only once in the calculation.  
  \*\*Note: Aces can be used as a 1 or 11. All face cards have a value of 10.

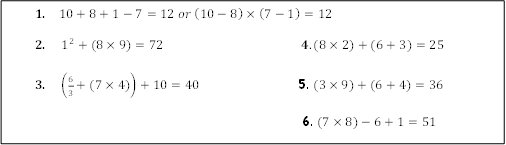
**Other specifications**:

* Each team will be given 5 cards to start. The target numbers will then be revealed. Before the round starts, each team will remove one card from the opposing team’s set of cards.
* There will be one point awarded to the team that wins each round. There will be a grand prize winner at the end of the night as well as winners for each rotation.
* Each team will be given white boards for calculations.
* When a team has figured out a way to make the target number, an individual from that team must explain their solution to the judge.



**Sample Problems:**

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| * 1. Target #: 12   Cards Given: Ace, 7, 8, 10 | * 1. Target #: 72   Cards Given: Ace, 8, 2, 9 |
| * 1. Target #: 40   Cards Given: 10, 4, 3, 7, 6 | * 1. Target #: 25   Cards Given: 6, 8, 2, 3 |
| * 1. Target #: 36   Cards Given: 6, 3, 9, 4 | * 1. Target #: 51   Cards Given: 6, 7, 8, Ace |

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