# The 24 Game



### **Description:**

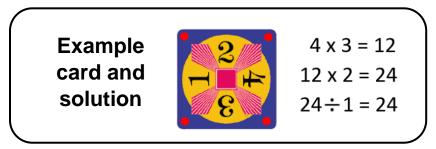
Participants use problem solving skills combined with their knowledge of mathematics (addition, subtraction, multiplication and division) to make the number 24 using the 4 numbers provided on the game cards.

# Number of Participants: 2

# Approximate Time: 45 minutes

### The Competition:

- 1. Each team will be provided a set of 30 game cards.
- 2. Each team will be provided with the exact same set of cards. They may solve them in any order they choose.
- Participants will write out the complete solution (all three steps) to arrive at 24 on paper provided for each card.
- The game cards will be varying degrees of difficulty (1 dot, 2 dot and 3 dot cards). <u>Single digit</u> and <u>double digit</u> game cards requiring addition, subtraction, multiplication and division will be used.



# Scoring:

The score will be based on the following:

- Each correctly solved card will be worth 2 points. Partial credit will NOT be provided.
- Correct responses will be multiplied by the Dot value of the cards, 1 dot, 2 dots, or 3 dots.
  - Example: Participants correctly solve the 1 dot card above. The score for that card would be 2 x 1 = 2. If the card above was a 3 dot card, the score would be 2 x 3 = 6.
- Total points scored will be added together for a final score.
- Time will be used as a tie breaker.