Game of 24 Round

Absolute Value

Fall 2022 Tournament

Solutions

Team name: _____

Names of team members: _____

Put all answers in the following spaces. Guessing is not penalized. Work or answers written on other pages will not be graded. Submit only this page. Do not flip to the following pages until told to by your proctor.

1: _____   **13:** _____

2: _____   **14:** _____

3: _____   **15:** _____

4: _____   **16:** _____

5: _____   **17:** _____

6: _____   **18:** _____

7: _____   **19:** _____

8: _____   **20:** _____

9: _____   **21:** _____

10: _____   **22:** _____

11: _____   **23:** _____

12: _____   **24:** _____

For grader's only:

Total score (3 points per question): _____

Game of 24

Do you guys have a favorite number? Personally, mine is 24. As such, the name of this round is the Game of 24. Basically, the aim is to somehow use basic operations (addition, subtraction, multiplication, division, parentheses, and exponents) to turn four numbers into 24.

Just write a mathematical way to form the number 24 out of each set of four numbers in the answer key (there are multiple answers)! You must use each number one and only one time.

Good luck!