This is a game for two people, or two teams. Each team should draw some cells that look like **one** of the pictures below. As you play the game, each team will fill in each of their cells with a number. When all the cells are full, each team will have created four two-digit numbers.

Teams then check if their number sentences are correct. You score if your sentence is correct. The score is the result of the calculation on the left of the inequality sign (shaded boxes).

There are two versions of the game:

- Version 1: You will need to throw the dice eight times in total. After **each** throw of the dice, each team decides which of their cells to place that number in.

- Version 2: Imagine that the numbers 1, 2, 3, 4, 5, 6, 7 and 8 have been thrown. Where would you place them in order to get the highest possible score? Can you provide a convincing argument that you have arranged the numbers in the best possible way?

Sum-sum

□□ + □□ < □□ + □□

Take-take

□□ − □□ < □□ − □□

Take-sum

□□ − □□ < □□ + □□

Sum-take

□□ + □□ < □□ − □□