

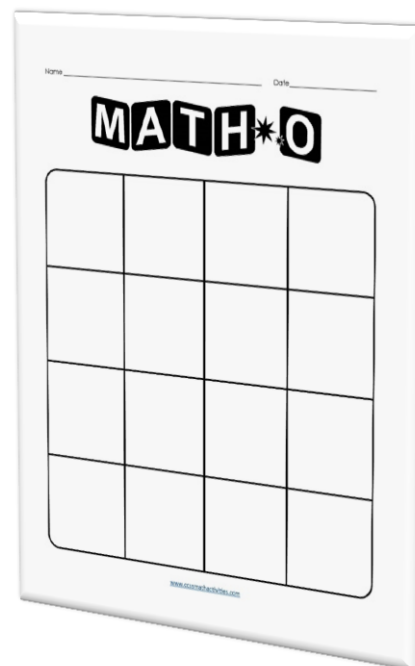
# MATHO INSTRUCTIONS

## When to use:

MATHO is a great activity to use when students need motivation to practice a procedural skill. MATHO works best with items addressing the “recall and reproduce” level of cognition.

## Supplies Needed:

- Worksheet/set of problems with 9, 16 or 24 exercises with different solutions
- MATHO board corresponding to the number of items on the worksheet
- Two colors of writing utensils
- Timer



## Directions:

1. Create or find a worksheet with 9, 16 or 24 problems that focus on the procedural skill component of a standard or learning target. The activity works best if no problems have the same solutions.
2. Students receive the worksheet and a blank MATHO board corresponding to the number of items on the worksheet. The students are given a set amount of time to complete as many problems as they can. Each problem they finish, they put the solution on their board in any location.
3. When the timer goes off, students put their pencils down and utilize a colored pencil or pen for marking their board. Even if students are not done with the entire board, they can strategically place the solutions they have to still have an option of getting a MATHO (i.e. 3, 4, or 5 in a row).
4. Call out the answers in a random order. If students have the answer, they should cross out that square on their board. If they do not have the answer, they can record it at the bottom of the template for finishing the worksheet later.
5. The teacher may choose to reward the first MATHO but should continue calling out answers until all answers have been read. A BLACKOUT lets a student know they had all problems correct. Students who did not finish or had some incorrect have recorded all of the answers they did not have at the bottom of their MATHO board and can be asked to finish the worksheet at a later time, if desired.

**NOTE:** This activity works well as a ten-minute warm-up for practicing a procedural skill.