

Addition

Adding the Missing number

Description

Students have to guess which is the missing number in a mathematical equation. ie: $5 + ? = 8$. Teacher asks from the students in team A to tap the first number (5) and the teacher continues by clapping her hand to clap 6, 7, 8. Students in team B are asked to count the clapping sounds of the teacher. Then they complete the missing number in the equation.

Ideas to use:

- In the same way described above, the teacher can ask the students to find the answer without her being involved. She splits the classroom in 3 teams: team A taps the first number, team B continues with clapping and counting from the number team A stopped and team C counts the claps of the team B.
- Instead of clapping and tapping students can use different instruments or sounds of body percussion.
- Ask the students to be split into groups and ask them to make a competition among them. The team that will solve the mathematical equations given from the teacher first will win. Then they are asked to present their answers with sounds and movement. They can even rap the equation.



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Ideas to use:

- Ask two students to stand and perform the sounds of the equation given by the teacher and ask from the rest of the students to close their eyes, listen to the sounds and write on small whiteboards what they listen into numbers. After each equation is written, the students turn their whiteboards towards her. In this way the teacher can get a direct feedback from the whole class and spot which students face difficulties.
- Ask from students to perform the equation of missing number on instruments using musical notes instead of body percussion or untuned instruments. This will create some melodies. This activity will enhance the listening skills of the students since it is more difficult to recognize two different notes on the same instrument than two different sounds from two different percussion instruments. This activity becomes more challenging for the advanced students who conquered the mathematical concept.
- Teacher can use props for closing their eyes, writing with markers on white boards to make the experience more challenging.

