

# TOUCHMATH® Touching/Counting Patterns

TouchMath numerals and the correct Touching/Counting Patterns are one of the most researched and basic parts of the TouchMath Program.

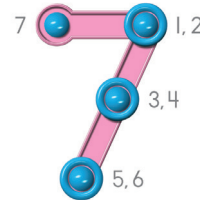
TouchPoints on numerals teach children the connection between quantities and numerals quickly and effectively. They understand the meaning of numerals immediately

and are more easily able to move forward with addition and subtraction as those skills are introduced.

Please follow the directions and correct Touching/Counting Patterns as presented in order to avoid confusion as students move on to higher grades.



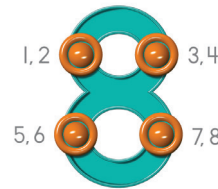
The one is touched at the top while counting: "One."



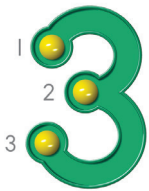
The seven is touched and counted from top to bottom, counting the double TouchPoints first: "One-two, three-four, five-six," followed by the single TouchPoint: "seven." The single TouchPoint can be thought of as the nose. Teachers sometimes tell young or students needing intervention to "touch him on the nose" to help them remember the final TouchPoint.



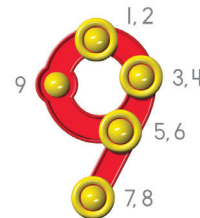
The two is touched at the beginning and the end of the numeral while counting: "One, two."



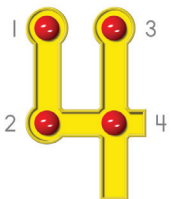
The eight is touched and counted from left to right: "One-two, three-four, five-six, seven-eight." Tell young or students needing intervention that the eight looks like a robot. Count his head first and then his body. You may also tell students the eight is touched in the same pattern as you write the letter Z.



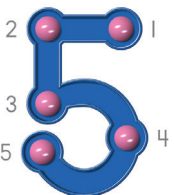
The three is touched at the beginning, middle, and end of the numeral while counting: "One, two, three."



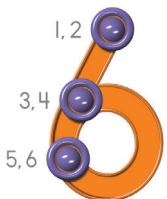
The nine is touched and counted from top to bottom, counting the double TouchPoints first: "One-two, three-four, five-six, seven-eight," followed by the single TouchPoint: "nine." To the tune of "Head, Shoulders, Knees, and Toes," have the students touch these body parts with both hands while singing "head, shoulders, knees, and toes, touch the nose" (with one finger). This will physically show the nine TouchPoint counting pattern.



The four is touched and counted from top to bottom on the down strokes while counting: "One, two, three, four." For the closed shaped 4, use the same square counting pattern. To help students remember the first TouchPoint, it may be referred to as being in "outer space."



The five is touched and counted in the sequential order pictured: "One, two, three, four, five." To help in remembering the fourth TouchPoint, it may be referred to as the "belly button."



The six begins the use of double TouchPoints which are touched and counted twice. The six is touched and counted from top to bottom: "One-two, three-four, five-six."



The zero has no TouchPoints, so you never touch and count zero.