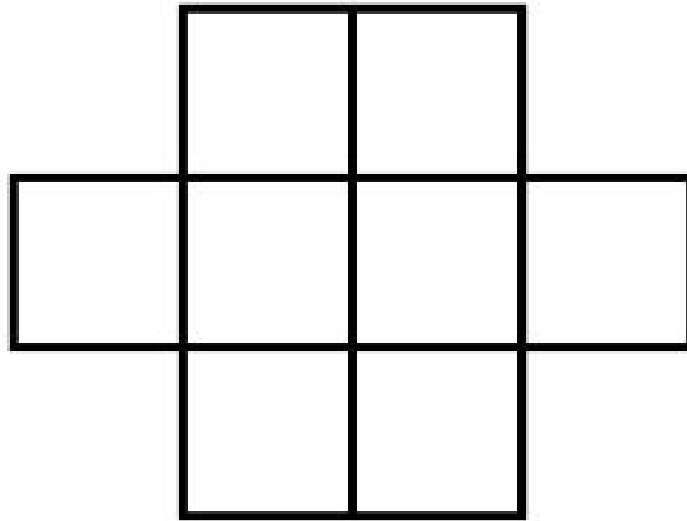# Puzzle of the Week
Consecutive Numbers – 2

The numbers from 1 to 10 have been placed in these two diagrams. In the diagram on the left, the boxes with numbers 2 and 3 share a side, and the boxes with numbers 9 and 10 touch diagonally. In the diagram on the right, no two consecutive numbers share a side or touch diagonally.

2	6	1	7	10
3	8	4	9	5

3	1	4	2	5
6	9	7	10	8

THE CHALLENGE: Place the numbers from 1 to 8 in this diagram so that the boxes for consecutive numbers do not share a side or touch diagonally.

1 2 3 4 5 6 7 8

EXPLORATION: Make these puzzles for your friends.

Consecutive Numbers – 2 – Notes

THE CHALLENGE: The first and last numbers only have one neighboring number, unlike the other numbers which have two, so put them in the most central locations. Here is one possible solution.

	3	5	
7	1	8	2
	4	6	