

Pass out a **Number Squares Puzzle** sheet to each student. In each puzzle, the numbers in each square must add vertically to the number above, horizontally to the number on the left side, and diagonally to the number above each diagonal. For example, in the square below, the numbers must add to the following:

Horizontal

$$A + B = 4, C + D = 8$$

Vertical

$$A + C = 9, B + D = 3$$

Diagonal

$$A + D = 5, B + C = 7$$

5	9	3	7
4	A	B	
8	C	D	

MATERIALS:

-Number Squares Puzzle sheet

In this puzzle, suppose $A = 3$. When $A = 3$, $B = 1$, $D = 2$, and $C = 6$.

Number Squares Puzzles

10	8	9	7
5	3		
12			

10	12	9	11
13		6	
8			

4	12	3	11
5		2	
10			

4	7	3	6
3			
7		2	

3	9	6	12
7		5	
8			

5	10	4	9
7	4		
7			

