

## Learning Styles Preference Inventory (Math Specific)

Read each statement and select the appropriate response number as it applies to you.

**Often – 3**

**Sometimes- 2**

**Seldom/Never- 1**

- \_\_\_1) I remember math better if I write it down.
- \_\_\_2) I learn best from a lecture and worst from the whiteboard or textbook.
- \_\_\_3) I learn best in math when I just get in and do something with my hands.
- \_\_\_4) I prefer to study math in a quiet place.
- \_\_\_5) I hate taking notes; I prefer just to listen to lectures.
- \_\_\_6) I learn and study math better when I can pace the floor, shift positions, tap my pencil etc.
- \_\_\_7) It's hard for me to understand math when someone explains it without writing it down.
- \_\_\_8) I have difficulty following written solutions on the board unless the teacher verbally explains all the steps.
- \_\_\_9) I learn math best when I can manipulate or use hands-on examples.
- \_\_\_10) It helps when I can picture working a problem out in my mind.
- \_\_\_11) I can remember more of what is said to me than what I see.
- \_\_\_12) I usually can't verbally explain how I solved a math problem.
- \_\_\_13) I enjoy writing down as much as I can in math.
- \_\_\_14) The more people explain math to me, the faster I learn it.
- \_\_\_15) I can't just be shown how to do a problem; I must do it myself so I can learn.
- \_\_\_16) I need to write down all the solutions and formulas in order to remember them.

\_\_\_\_ **17)** I don't like reading explanations in my math book; I'd rather have someone explain the new material to me.

\_\_\_\_ **18)** I've always liked using my fingers to figure out math.

\_\_\_\_ **19)** When taking a math test, I can often see in my mind the page in my notes or in the text where the explanations or answers are located.

\_\_\_\_ **20)** I tire easily when reading math, though my eyes are okay.

\_\_\_\_ **21)** I need to take lots of breaks and move around when I study math.

\_\_\_\_ **22)** I get easily distracted or have difficulty understanding in math class when there is talking or noise.

\_\_\_\_ **23)** I wish my math teachers would lecture more and write less on the board.

\_\_\_\_ **24)** I prefer to use my intuition to solve math problems, to feel or sense what's right.

\_\_\_\_ **25)** Looking at my math teacher when he or she is lecturing helps me to stay focused.

\_\_\_\_ **26)** I repeat the numbers to myself when mentally working out math problems.

\_\_\_\_ **27)** I enjoy figuring out math games and math puzzles when I learn math.

\_\_\_\_ **28)** If I'm asked to do a math problem, I have to see it in my mind's eye to understand what is being asked of me.

\_\_\_\_ **29)** I can work a math problem out more easily if I talk myself through the problem as I solve it.

\_\_\_\_ **30)** I learn math best if I can practice it in real-life experiences.

This survey is adapted from *Conquering Math Anxiety*, by Dr. Cynthia A. Arem.

## Learning Styles Inventory Scoring Guide

Write your score for each statement beside the appropriate number below, then add all the scores in each column.

- |        |        |        |
|--------|--------|--------|
| 1)___  | 2)___  | 3)___  |
| 4)___  | 5)___  | 6)___  |
| 7)___  | 8)___  | 9)___  |
| 10)___ | 11)___ | 12)___ |
| 13)___ | 14)___ | 15)___ |
| 16)___ | 17)___ | 18)___ |
| 19)___ | 20)___ | 21)___ |
| 22)___ | 23)___ | 24)___ |
| 25)___ | 26)___ | 27)___ |
| 28)___ | 29)___ | 30)___ |

**Total:**

<b>Visual</b>	<b>Auditory</b>	<b>Kinesthetic</b>

The largest number in the total of the three columns above indicates your dominant learning style.