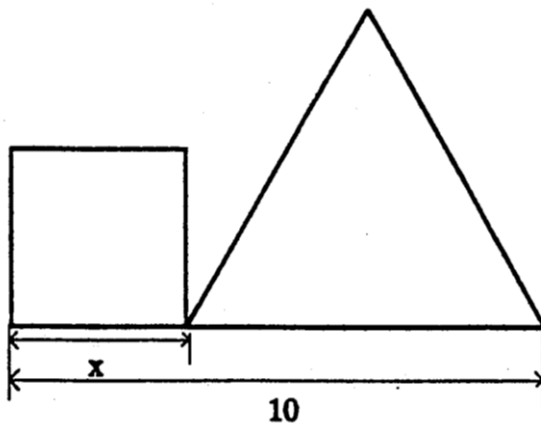**MONITORING TOOL**

Constructing the Meaning of Variable and of Expression in One Variable

Aim: Detecting the reasoning in Algebra

	Arithmetic	**Geometry**	**Algebra**
Memory			
Reasoning			X
Visuo-spatial			

Task 1

Find the value of x so that the perimeter of the square is equal to that of the equilateral triangle

Task 2

$if\ K \in \mathbb{R}, K < 0, which\ of\ the\ following\ numbers\ is\ the\ major$

   a. 5+K
   b. 5×K
   c. 5-K
   d. 5^k

Task 3

Considering the following equation:
(3k-6)x-5k+2=0
x is unknown and K is a real number.

The solution of the equation is 0 if K=…