MONITORING TOOL

Supporting Visual-Spatial in Geometry
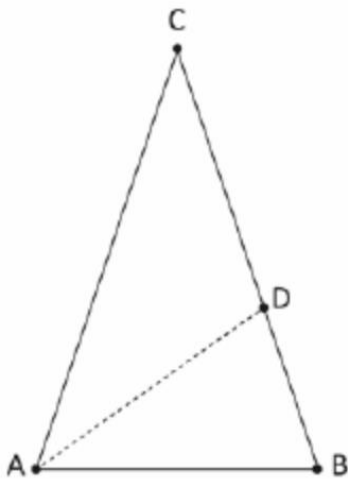
Aim: Detecting the reasoning in Algebra

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

Task 1

The triangle ABC is isosceles on the basis AB.

The angle in C is half of the angle in B and AD is the bisector of the angle BÂC

Say whether each of the following statements is true or false

    A. AD is also the height of the BC segment
    B. The angle in B is equal to 72°
    C. The area of the triangle ADC is twice the area of the triangle ABD
    D. AD : AC=BD:AB