

MONITORING TOOL

Proving Theorem

Aim: constructing a proof

	Arithmetic	Geometry	Algebra
Memory			
Reasoning		X	
Visuospatial			

Ask students to prove:

Theorem 1

ABC is an isosceles triangle on the basis BC. D is a point of AB and E a point of AC such that AD is congruent to AE, and M is the midpoint of BC. Prove that MDE is an isosceles triangle.

(Suggestion if needed I have to use the 1st criterion of congruence of triangles and the isosceles triangles theorem)

Theorem 2

M is in the midpoint of AD and BC.

Prove that AB is parallel to CD.

