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Small change – big difference.

Mont. Math. Enthus. 6, No. 3, 395-410 (2009).

Summary: Starting in a well known theorem concerning medians of triangle and using the ‘What If Not?’ strategy, we describe an example of an activity in which some relations among segments and areas in triangle were revealed. Some of the relations were proved by means of Affine Geometry.

Classification: G40

Keywords: affine geometry; problem solving; problem posing; triangle theorems; generalizations