

Abstract Submitted  
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**A first approaching to work with viscosity in college level** KARLA CARMONA, SERGIO FLORES, LUIS L. ALFARO, MARIA D. GONZALEZ — Working with the concepts of flow, velocity and emptying time, in containers with different area, the research group named Physics and Mathematics in Context from the University of Juarez in Mexico is attempting to experiment with the relationship between the geometry of the containers and their discharge time with different kind of liquids. Thus, we have built two different sets of containers, and use kitchen oil, maple syrup, and car oil. Where the cross area is constant: prisms with bases of different geometries. Thus, in order to achieve a better understanding related to differential equations situations and introduce viscosity.

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