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**The volume of a stretched tetrahedron; the easy way?**

Teach. Math. Appl. 34, No. 4, 205-213 (2015).

Summary: We consider here a number of ideas for the classroom or lecture theatre associated with the mensuration of solids. In particular, the volumes of various tetrahedra are obtained in an indirect manner (by way of prisms and square-based pyramids). This activity develops problem-solving skills, spatial visualization and a from-first-principles approach to integration. Several suggestions are also provided for taking things further.

*Classification:* G30 I50

*Keywords:* tetrahedra; volume; integration; pyramids

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