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P.O. Box 9101, Framingham, MA 01701-9101. *Statistics: Meet Me Online.*

One of the greatest challenges in teaching mathematics online is simulating the immediate, direct interaction of the face-to-face classroom during which students contribute to and interact and participate in problem solving, modeling, and data analysis in the virtual classroom. Contributing, interacting, and participating are crucial for kinesthetic learners since they learn through moving, doing, touching, and exploring. In spite of the amount of detail and explanation that can be provided in a prepared solution, a student reading a written discourse will not experience the problem-solving, modeling or data analysis mindset: (s)he must be involved in this process through active exploration. Using Instant Messenger (IM) and environments such as Blackboard's virtual classroom are useful for online meetings during which participants can engage in "live" online sessions. For those who are not available to "attend" such sessions, interactive tools can be used to engage students in a guided, self-paced problem-solving and analysis atmosphere. In this presentation, I will discuss my use of IM and Blackboard's virtual classroom as well as my use of discussion boards and guided learning tools that I created using MS Excel to engage students in active online learning. (Received September 29, 2005)