How Many Boxes Can Fit in That Container? A Multifaceted Problem-Solving Adventure

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Problem solving is a trait that can be developed in students, which is made easier with an activity that captures their imagination and interest and challenges their creativity and logic. In this article, one such activity is explored. The goal is to find the optimal way to fill a container with smaller packages, utilizing various different orientations of the smaller packages. To complete this activity, students must convert units, vary the orientations of the smaller packages, and utilize the least integer function.

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