



Primary PoW Sample

The Math Forum's Problems of the Week provide non-routine constructed response problems. The Primary problems target concepts typically learned in grades K to 2. Memberships are available at the individual, class, school, and district levels.

Sweet Dreams

People dream an average of 5 times a night.

At that average, about how many dreams might you have in a week?

About how many dreams might your whole class have in one average night?

Tell how you solved the problem.



Learn more about the Problems of the Week at <http://mathforum.org/>

Teacher Commentary

This problem should be introduced in a group lesson. It is a good opportunity to discuss the general concept of average, without involving calculations. Children will need to know the number of days in a week and the number of children in the class, which can be part of the introductory discussion, along with possible strategies for solving the problem.

Then it can be completed as a group activity, independently or in pairs. You may want to provide the students with counters, nickels, or linking cubes.

Topics:

- counting by 5s
- concept of average
- days of the week

PEOPLE LEARNING MATH TOGETHER

The Math Forum is a research and educational enterprise of the Drexel University School of Education.