## Problem of the Week

The problems that follow focus on measurement. Measurement has many connections to real-world applications. The tasks are meant to be open-ended so that discussion can support understanding.

Be mindful that during these prompts, it is important the teacher listens to student conversations and asks questions that illicit student thinking.

| Primary | The teacher purchased some boards for students to use to make <br> frames for classroom visuals. The boards totaled 295 inches in <br> length. You are asked to make different sized frames for various <br> displays. Design three frames and calculate the perimeter of each. |
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| Extension: |  |
| - The largest frame has a perimeter this is 10 inches greater than the |  |
| smallest frame. The third frame is closer in size to the smallest frame than |  |
| the largest frame. |  |
| - There was between 20 inches and 28 inches of unused boards. What is |  |
| the perimeter of each frame? |  |


| Elementary | The principal asked our class to make three welcome banners for <br> the school. The only guidelines given to students were: <br> - The area of each banner had to be greater than 650 square <br> inches. |
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| - Each of the banners had to be different sizes. |  |


| Intermediate | Student council must construct two containers to store year-end <br> supplies. The guidelines for the construction are as follows: |
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