

## Differentiation Example 1—Mathematics

**Standard:** Apply the area and perimeter formulas in real-world and mathematical problems.

**Task:** Mrs. Rynders is building a new home, and the architect has designed the home to be an unusual shape. The contractor is ready to order flooring but is finding that he doesn't know how to determine how many square feet are required for the entire house. Please help out by finding the square footage of the building.

### Possibility 1



$\frac{1}{4}$  inch =  $1\frac{1}{2}$  yards

### Possibility 2



$\frac{1}{2}$  inch = 1 yard

### Other possible tools:

- Provide a list of procedures to support those who might struggle.
- Design a graphic organizer for students to use when documenting their work.
- Provide a checklist of items that need to be included.
- Provide the same rubric to students whether completing possibility 1 or 2.

*Source for standard: National Governors Association Center for Best Practices & Council of Chief State School Officers. (2010). Common Core State Standards for mathematics. Washington, DC: Authors. Accessed at [www.corestandards.org/assets/CCSSI\\_Math%20Standards.pdf](http://www.corestandards.org/assets/CCSSI_Math%20Standards.pdf) on date.*