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# Real World Problems

These problems were developed by participants in *Building Connections in High School Mathematics*, a 2011-12 CRMC project supported by IMPROVING TEACHER QUALITY Higher Education Funds administered by the University of Georgia. The problems are provided in PDF format.

## Number and Quality

- [Does Longer Distance Really Equal Better Prices?](#)

## Algebra

- [Measuring Sound Intensity](#)

## Functions

- [How Much Does Your Purchase Cost to Ship?](#)
- [Paying for Your Wheels](#)
- [Telephone Problem](#)

## Geometry

- [Clock Tower](#)
- [Earring Problem](#)
- [Gingerbread Man Problem](#)
- [Mowing the Lawn](#)
- [Placing a New Fire Pit in a Patio](#)
- [Problems with Jello and Balloons](#)
- [Repainting the Center Court Circle on a Basketball Court](#)

## Statistics and Probability

- [Batteries](#)
- [The Incomplete Tennis Match](#)