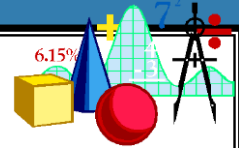


Mathematics, Grade 8
Unit III: Lesson 1

Display / Report: **Corvette Week**



Your Uncle Scrooge likes you because you are good at math. He would like to lease a new Corvette, and he wants to know exactly what the cost of owning and operating the car will be. Uncle Scrooge has promised to allow you to use the car for one week in return for giving him the information.

Research the costs involved in owning and operating a new Corvette. These costs include the following:

- Lease costs (note any requirements for excess mileage, end of lease fees, etc.)
- Maintenance (oil changes)
- Gasoline (figure on 15,000 miles/yr)
- Insurance (Uncle Scrooge is 35 and received 2 speeding tickets last year)

Compute the total cost of operating the Corvette for one year. Organize the figures into a detailed report. Uncle Scrooge is impressed with details.

Create an illustrated display of your research and place it in your classroom.

Extension: Change some of the variables, such as mileage, insurance for a teen-age boy, or insurance for no speeding tickets. Compare the total costs.