

## *A History of Teaching Maths*

### *1950 style:*

A logger sells a truckload of lumber for \$100. His cost of production is  $\frac{4}{5}$  of the price. What is his profit?

### *1960 style:*

A logger sells a truckload of lumber for \$100. His cost of production is  $\frac{4}{5}$  of the price, or \$80. What is his profit?

### *1970 style:*

A logger exchanges a set 'L' of lumber for a set 'M' of money. The cardinality of set 'M' is 100. Each element is worth one dollar. Make 100 dots representing the elements of the set 'M'. The set 'C', the cost of production, contains 20 fewer points than set 'M'. Represent the set 'C' as a subset of set 'M' and answer the following question: What is the cardinality of the set 'P' of profits?

### *1980 style:*

A logger sells a truckload of lumber for \$100. His cost of production is \$80 and his profit is \$20.

*Your assignment:* Underline the number 20.

### *1990 style:*

By cutting down beautiful forest trees, the logger makes \$20. What do you think of this way of making a living?

*Topic for class participation after answering the question:* How did the forest birds and squirrels feel as the logger cut down the trees? (There are no wrong answers.)

### *2000 style:*

A logger sells a truckload of lumber for \$100. His cost of production is \$120. How does Arthur Andersen determine his profit margin is \$60?