



BUSINESS MATHEMATICS

Event Specifications

SCOPE OF CONTEST

The contestant will take a retail math skills test utilizing a calculator. Emphasis will be on practical math. (60 minutes will be allowed to complete the test)

NUMBER OF COMPETITORS

Individual event, limited to 36 competitors.

Fresno ROP reserves the right to modify enrollment due to limited spaces available.

RULES AND PROCEDURES

The retail math skills test may include the following:

1. Solve problems involving addition, subtraction, multiplication and division.
2. Interpret charts and graphs
3. Calculate cash discounts, quantity discounts and trade discounts
4. Interpret profit and loss statements
5. Calculate retail sales, gross margin and break-even points
6. Solve first-degree algebraic equations
7. Determine final cost of product to company
8. Calculate stock turnover and average markups
9. Calculator skills

JUDGING CRITERIA

Contestants will be judged on accuracy of the retail math skills test.

EQUIPMENT AND MATERIALS

1. Supplied by the contestant:
 - a. Hand held calculator
2. Supplied by the Career Skills Challenge:
 - a. All testing materials
 - b. Scantron form
 - c. #2 pencil
 - d. Scratch paper