



CONTEST SCOPE

Contest Chairs

Kathie Murray

Contest Chair E-Mail

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Reading Muhlenberg CTC

2615 Warren Road Reading PA 19606

Contest:

Related Technical Math

Purpose:

To evaluate the contestant's ability to solve and understand mathematical problems typically found in skilled trades, professional and technical occupations.

Clothing:

Contest appropriate clothing. Students will not be penalized for clothing unless it is a safety violation.

Equipment and Material:

Equipment/Tools/Materials Provided by Host School:

Formulas and conversion tables/charts

#2 pencil with eraser

Tables and chairs

Instructions

Related Technical Math Exam

Equipment/Tools/Materials Provided by the Contestant:

Handheld Calculator

- TI-36X Pro or equivalent (maximum capability)

Scope of Contest

The contestant should demonstrate time management ability in completing a 50 question on the Related Technical Math Exam using their own knowledge, formulas and conversion charts/tables provided, and a calculator in the time provided.

Knowledge of the following will be tested: fractions, decimals, percentages, scientific notation, addition, subtraction, multiplication, division, geometry, algebra, trigonometry, basic statistics.

Primary standings will be determined by the highest score regardless of completion time. The test will be timed as a secondary measure in the result of a tie score on the exam between contestants. The faster completion time will receive a higher standing only for tie scores.

There will be a 1.5-hour time limit for test completion.

Additional Information

Contestants should come prepared for the exam mentally and physically. Contestants are not permitted to talk to other contestants, test administrators, or advisors during any point of the exam. This includes verbal and non-verbal communication. No cell phones are permitted in the testing area. The contestant should raise their hand if they have a question. The test administrator will determine if an answer can or will be given.

Violation of these rules will most likely result in immediate disqualification of the contestant.