



Related Technical Math



Date	Friday February 16, 2024	Orientation Time	8:00am Closed to instructors
Location	WCSCC 518 W. Prospect St. Smithville, OH 44677	Contest Time	Immediately following orientation (Contest closed to instructors)
Scope of Contest	Competitors will demonstrate their ability to solve math problems that deal with skilled technical real-world scenarios. <ul style="list-style-type: none">• The written knowledge test comprises 50 problems applicable to any career and technical field. It covers applications of the fundamental operations of whole numbers, fractions and decimals, including applications of percentages, ratio and proportion, averages, areas and volumes. The written knowledge test will provide the student the opportunity to demonstrate his or her problem-solving skills, not just mathematical ability.• Students have two hours to complete the problems and check their answers.• Hand-held calculators may be used. Competitors need nothing more than a simple scientific calculator.• The test is based on real-world mathematical applications and reasoning — not theoretical mathematics.		
Testing	Yes		
Eligibility	1 contestant for every 500 paid members		
Clothing	Business Casual: Polo or other collared shirt and khakis or dress pants. Closed toe dress shoes. OR SkillsUSA Official Dress NO jeans or athletic shoes. School logo, contestant name or other identifier on shirt must be covered.		
Provided by Contestant	Professional Resume – Typed Hardcopy Two #2 pencils (sharpened) or mechanical pencils and erasers Emergency Medical Form (Contestants must have this to compete) Hand-held calculator (non-programmable)		
Contest Skilled Performance Standards	A written knowledge test will be required. A sound knowledge of geometry, algebra, trigonometry and basic statistics will prepare the students to exhibit their problem-solving skills for this part of the contest.		
Other	<ul style="list-style-type: none">• No smart watches, earbuds, and/or cell phones• If finished before 2 hr time limit, contestant may raise hand to be excused. Test and scratch paper will be collected.		
Tie-breaker	First Tie-breaker The contestant who submitted the test first will be rated higher. Second Tie-breaker The contestant who progressed furthest through the test without making an error will be rated higher.		