

Indiana State Mathematics Contest – April 26, 2008

The Indiana Council of Teachers of Mathematics is pleased to inform you that the 2008 Indiana State Mathematics Contest will be held on **Saturday, April 26, 2008**.

This annual contest is sponsored by the Indiana Council of Teachers of Mathematics (ICTM), governed by policies approved by ICTM, and approved by the Division of School Activities and the Indiana Association of School Principals.

Time and Place

The Contest will begin at **9:30 a.m. local time on Saturday, April 26, 2008** at the **14** sites- Bloomington, Evansville, Fort Wayne, Gary, Indianapolis North, Indianapolis Downtown, Kokomo, Muncie, New Albany, Richmond, South Bend, Terre Haute, West Lafayette, Westville. More contact information is found on page 2.

Students should be in their seats at **9:20 am local time** to complete paperwork.

Categories, Format and Content

There are **five mathematics problem-solving tests**. Each contains 32 to 40 multiple-choice questions; 90 minutes are allowed for students to work with the test. The categories are: Pre-Algebra, Algebra First Course/Integrated Math I, Geometry/Integrated Math II, Algebra Second Course/Integrated Math III, and Comprehensive. Questions for the first four categories may be related to the content identified in the Indiana Academic Standards for Mathematics in the obvious ways, or included in State-adopted textbooks. The content of the Comprehensive contest is drawn from pre-calculus mathematics including trigonometry, finite mathematics, simple linear algebra, probability, statistics, and analytic geometry.

Participants

The contest is open to any middle school, junior high school or senior high school student in the state of Indiana. Participation on the part of any interested student is encouraged; there is no limit to the number of participants from any school. A participant -- defined as "a student who has finished or will finish the given subject during the present school year"-- may take only one test each year.

- **Pre-Algebra:** students who have not yet enrolled in Algebra or an integrated high school mathematics course. Students can take it as many times as they like.
- **Algebra I/Integrated Math I:** students who are enrolled in either an Algebra First Course or Integrated Mathematics First Course
- **Geometry/Integrated Math II:** students enrolled in Geometry or Integrated Mathematics II
- **Algebra II/Integrated Math III:** students enrolled in either Algebra Second Course or Integrated Mathematics III
- **Comprehensive:** students above the Algebra II level. A student can take the Comprehensive test more than once.

Registration, Certification and Fees

There is a non-refundable \$4.00 participant fee for each student. Participants must be registered by their school, and the school must certify that the participants are currently enrolled in courses appropriate for the category. No special certification is required for the Comprehensive category.

Please print and send registration forms and **fees to your local site**. The fees and completed forms should be received by the local site coordinator **by April 3, 2008**. **CHECKS SHOULD BE MADE PAYABLE TO ICTM**.

Sponsors and Transportation

A sponsor designated by their school must accompany participants. Transportation to and from the contest is the responsibility of the school and participant. Any sponsor who could help monitor testing on the day of the contest would be appreciated.

Calculators

All tests are written with the assumption that each student has a scientific calculator available for use. Participants must provide their own calculators. A calculator may be used, but the TI-89 or above will **not** be acceptable, **nor** will any HP equivalents (HP 48G or HP 49G or any variations of those with those initial codes). However, a common scientific calculator with memory and pre-calculus functions should be sufficient.

Special Needs

Participants that require any special needs must contact the local site coordinator at least one week in advance.

Recognition and Awards

Each participant will receive a Certificate of Participation. Each student answering 75% or more of the test questions correctly will be designated a Scholar and will receive a certificate. The top three students in each category at each site will also be honored.

Each student who scores among the top 5% throughout the state will be designated an **Outstanding Scholar** and will receive both a medal and a certificate. The top two students in each subject area on the state level will also be recognized. A recognition ceremony for Outstanding Scholars and their teachers will be held on a Saturday or Sunday in June at the Indiana State House in Indianapolis (*North Atrium*). Outstanding Scholars will be notified in May of the time and location of the ceremony. Certificates and medals for student who cannot attend the ceremony will be sent to their homes. A list of all Outstanding Scholars will be published by ICTM in the Fall of 2008.

Contest Sites and Local Site Coordinators

William (Jon) Ekman Patricia Parkison Ball State University Muncie, IN (765)285-8683 (765)285-8675 wekman@bsu.edu pparkis2@bsu.edu	Robin Symonds Indiana University Kokomo Kokomo, IN (765)455-9207 rsymonds@iuk.edu	Zhilan Feng Purdue University West Lafayette, IN (765) 494-1915 zfeng@math.purdue.edu
Duane Leatherman Butler University (317) 940-9439 (317) 940-9521 dleather@butler.edu	William Odefey Indiana University Northwest Gary, IN (219) 981-4237 wodefey@iun.edu	Jerry DeGroot Purdue University North Central Westville, IN (219) 785-5652 jdegroot@pnc.edu
Walter Dennis Scott Indiana University East Richmond, IN (765) 973-8285 wascott@indiana.edu	Kimberly Bonacci Indiana University Southeast New Albany, IN (812) 941-2132 kbonacci@ius.edu	Donald E. Miller Saint Mary's College Notre Dame, IN (574) 284-4492 dmiller@saintmarys.edu
Greg Peters Indiana University-Bloomington Bloomington, IN (812) 855-6848 petersg@indiana.edu	Joyce Vetter Indiana University-Purdue University-Fort Wayne Fort Wayne, IN (219) 481-5428 vetter@IPFW.edu	Linda Tribble University of Southern Indiana Evansville, IN (812) 465-1689 ltribble@usi.edu
Yuejian Peng Indiana State University Terre Haute, IN 47809 (812) 237-2131 czhao@isugw.indstate.edu ypeng1@isugw.indstate.edu	Jeffrey X. Watt IUPUI Indianapolis Indianapolis, IN (317) 274-4070 jwatt@math.iupui.edu	Dr. Elizabeth Brown Indiana State University Terre Haute, IN (812)237-3423 ebrown18@isugw.indstate.edu

More information is available at www.indianamath.org