AISA STATE MATH CONTEST

A.   GENERAL INFORMATION

a.   Students in grades 9-12 are eligible to compete in the high school state contest.

b.   Students in grades 6-8 are eligible to compete in the middle school state contest,

c.   Each school may enter a team to the state competition. Five team members take the written test, but only the top four scores are counted for each team.

d.   The top five teams following the written portion of the competition will qualify for the ciphering portion of the competition. Four team members will be selected by the teacher sponsor to compete in the ciphering contest.

e.   The contest consists of two parts: written exam and ciphering, for those qualifying. No Ciphering for middle school contests.

f.   The contest will begin on time. The event coordinator reserves the right to deny testing to late arrivals.

g.   Students are expected to bring two (2) number 2 pencils to the contest. Calculators may be used in the written math contest for high school only. (Note: Calculators cannot be shared during the competition.) The calculators must be of the small, hand held, battery or solar powered type. Calculators acceptable for use on the ACT are acceptable for use in the math contest. Four function, scientific, or graphing calculators are acceptable if they have none of the features listed below. No calculators may be used for middle school contests. You may NOT use a calculator that has any of the following features:

- pocket organizers
- handheld or laptop computers
- electronic wiring pads or pen-input devices
- models with QWERTY (typewriter) keypad
- models with paper tapes
- models that make noise
- models that can communicate (transfer data or information) wirelessly with other calculators
- models that require a power cord.

B.   INSTRUCTIONS FOR TEST MAKER(S)

1.   List all acceptable answers for each question on the key.

2.   Write questions so that units of measure must be used.

3.   Write questions so that no "set braces" are needed. Example: Find solution or solve . . .

C. ADMINISTRATIVE PROCEDURES

1. Written exam: The written exam will consist of fifty (50) multiple choice items. **There will be a ninety-minute time limit**. Participants will be assigned a number by the administrator, and only the number will appear on the answer sheet (not the participant's name). The written test will be given and scored prior to the ciphering.

2. Ciphering: These questions will be supplied by the AISA. Each team member will participate in the order selected by the team sponsor. Each question will have a 90 second time limit. Only the top five qualifying teams compete in ciphering.

3. Prior to the beginning of the competition, each participant will be given four (4) or more sheets of paper on which to record his/her name and district. These sheets are to be used to record the circled answers. All ciphering questions must be answered specifically; nothing can be left to assumption. The answers must be given in correct measure as specified by the question.

4. Answer keys: All answers on the prepared keys (written and ciphering) will be acceptable, unless an error is noted by the majority of the sponsors present. Problems will be handled and resolved professionally.

D. HIGH INDIVIDUAL SCORER

1. The person accumulating the most points on the written exam grade will be declared the high individual scorer.

2. Tie Breaker: Questions will be randomly selected from the written test prior to taking the test. The randomly selected test questions will be compared, from least to greatest, until a winner is determined.

E. JUDGES

a. Sponsors from each school will serve as judges for administrative and scoring purposes.

b. Written examination: One or more judges will be present at all times during the written examination.

c. Ciphering examination (high school only): There will be one judge per participant to collect answer sheets and record the earned points on back. Judges will stand in back of participants and view the time keeper for possible point(s) award. The time keeper will have three fingers raised during the first

30 seconds; two fingers raised during the second 30 seconds (30 - 60 seconds) and one finger raised during the final 30 seconds of the allotted 90 second time frame.

F. SCORING

1. The written exam will count one (1) point for each question. There will be <u>no</u> penalty for wrong answers.

2. For the ciphering questions, scoring will be as follows:

   a. Three points will be awarded for all correct answers turned in during the 1 - 30 second time period.
   b. Two points will be awarded for all correct answers turned in during the 30 – 60 second time period.
   c. One point will be awarded for all correct answers turned in during the 60 - 90 second time period.

3. Questionable ciphering answers will be discussed after the ciphering competition is completed. The ciphering scorekeeper will announce awarded points after each question.

4. Tie Breaker for Team Score: Highest total score of all five participants (number of total points earned by team) written exam (includes dropped 5th score).

H. STATE ENTRY FEE

1. An entry fee of $50.00 per school/team (MS/HS) will be required. Your entry fee should be submitted to the AISA office at least one week prior to the event.

2. Entry fees are non-refundable.

3. Entry fees should be mailed to the AISA at:
   9164 Eastchase Parkway
   Box 324
   Montgomery, AL 36117

I. AWARDS

Plaques will be awarded to the 1st and 2nd place teams and a medal to the high individual scorer.

Middle School Math Contest State Entry Form
Registration Deadline: January 5, 2026

School: _____

School's Math Team Sponsor: _____

Sponsor's Email: _____

Team Member 1: _____   _____
             Name   **Grade**

Team Member 2: _____   _____
             Name   **Grade**

Team Member 3: _____   _____
             Name   **Grade**

Team Member 4: _____   _____
             Name   **Grade**

Team Member 5: _____   _____
             Name   **Grade**

High School Math Contest State Entry Form
Registration Deadline: January 5, 2026

School: _____

School's Math Team Sponsor: _____

Sponsor's Email: _____

Team Member 1: _____ _____
       Name   **Grade**

Team Member 2: _____ _____
       Name   **Grade**

Team Member 3: _____ _____
       Name   **Grade**

Team Member 4: _____ _____
       Name   **Grade**

Team Member 5: _____ _____
       Name   **Grade**