



## American Mathematics Competition 8

November 14, 2017

Registration Deadline: October 14, 2017

### ❖ What is the AMC 8?

- The AMC 8 is a 25-question, 40-minute, multiple choice examination in middle school mathematics designed to promote the development of problem-solving skills

### ❖ Who can take the AMC 8?

- Students with a passion of problem-solving who are in grade 8 or below and under 14.5 years of age on the day of the contest are eligible to participate

### ❖ Sample Problems

- Four students take an exam. Three of their scores are 70, 80, and 90. If the average of their four scores is 70, then what is the remaining score?  
A) 40      B) 50      C) 55      D) 60      E) 70
- What is the sum of the distinct prime integer divisors of 2016?  
A) 9      B) 12      C) 16      D) 49      E) 63

### ❖ Are there any preparation materials?

- Yes! At Fresno State, we offer FREE preparation sessions for the AMC 8. To learn more about them, visit:  
[www.fresnomathcircle.org/calendar/amc8-calendar.html](http://www.fresnomathcircle.org/calendar/amc8-calendar.html)

### ❖ Where do I register for the AMC 8?

- Registration for the AMC 8 offered at Fresno State is FREE and you can register at:  
[www.fresnomathcircle.org/competitions.html](http://www.fresnomathcircle.org/competitions.html)

**GOT MORE QUESTIONS?**

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