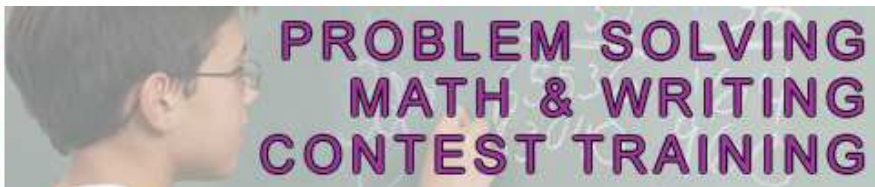


2016-2017 AMC 8/10/12/AIME Prep

MathEdge



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16 Former MathEdge Students Were Named in the 58th Annual Results and Awards for AMC 8/10/12 Perfect Scorer, AIME , USAMO Qualifiers

AMC8 Date: 11/15/16 (Tue) **AMC10/12A Date:** 2/7/17 (Tue) **AMC10/12B Date:** 2/15/17 (Wed)

AIME I Date: 3/14/17 (Thu) **AIME II Date:** 3/22/17 (Wed)

Syllabus and Schedule (subject to change)

| AMC10/12 prep: Saturdays 5-7pm | | | | AMC 8 prep: Saturdays 12-1:30pm | |
|--|----------|---|--------------|-------------------------------------|-------------|
| Schedule: 20 weeks 9/10/16–2/11/17 | | | | Schedule: 10 weeks 9/10/16–11/12/16 | |
| Homework: Prior AMC10/12 contests (\$50) | | | | HW: Prior AMC8 contests (\$30) | |
| S1 | Sat | AMC10/12 Content | AMC10/12 HW | AMC8 Content | AMC8 HW Due |
| 1. | 9/10/16 | Orientation Sample AMC10&12 problems | | Orientation, AMC 8 Mock Test 1 | |
| 2. | 9/17/16 | Exponent | 2000AMC10 | Essentials, Average | 2000AMC8 |
| 3. | 9/24/16 | Algebra | 2001AMC10 | Pythagorean | 2001AMC8 |
| 4. | 10/1/16 | Functions | 2002AMC10-A | Rectangles | 2002AMC8 |
| 5. | 10/8/16 | Logarithms | 2003AMC10-A | Probability | 2003AMC8 |
| 6. | 10/15/16 | AMC 10 Mock Test1 | 2004AMC10-A | Geometry of Solids | 2004AMC8 |
| 7. | 10/22/16 | Counting | 2005AMC10-A | Counting | 2005AMC8 |
| 8. | 10/29/16 | Probability | 2006AMC10-A | Distribution | 2006AMC8 |
| 9. | 11/5/16 | Number Bases | 2007AMC10-A | Sequences | 2007AMC8 |
| 10. | 11/12/16 | Modular Arithmetic | 2008AMC10-A | AMC 8 Mock Test 2 | 2008AMC8 |
| S2 | Date | AMC10/12 Content | AMC10/12 HW | | |
| 1. | 11/19/16 | AMC 10 Mock Test2 | 2009AMC10-A | | |
| 2. | 12/3/16 | Complex Numbers | 2002AMC10-B | | |
| 3. | 12/10/16 | AMC 10 Mock Test3 | 2003AMC10- B | | |
| 4. | 12/17/16 | Special Operations | 2004AMC10- B | | |
| 5. | 1/7/17 | AMC 10/12 Mock Test 4 | 2005AMC10- B | | |
| 6. | 1/14/17 | Triangle Geometry | 2006AMC10- B | | |
| 7. | 1/21/17 | Circle Geometry | 2007AMC10- B | | |
| 8. | 1/28/17 | AMC 10/12 Mock Test5 | 2008AMC10- B | | |
| 9. | 2/4/17 | AMC 10/12 Mock Test6 | 2000AMC12 | | |
| 10. | 2/11/17 | Pigeonhole Principle | 2001AMC12 | | |

HW: Prior AIME contests (\$20) Saturdays 5-7pm

| AIMEPrep | Date | Content | HW Assignment |
|----------|---------|------------|---------------|
| 1. | 2/18/17 | 2009 AIME1 | 2001 AIME1 |
| 2. | 2/25/17 | 2008 AIME1 | 2008 AIME2 |
| 3. | 3/4/17 | 2007 AIME1 | 2007 AIME2 |
| 4. | 3/11/17 | 2006 AIME1 | 2006 AIME2 |