

Number Theory Problems

Problem 1. 2014 AMC 8, #21.

https://artofproblemsolving.com/wiki/index.php/2014_AMC_8_Problems/Problem_21

Problem 2. 2016 AMC 8, #24.

https://artofproblemsolving.com/wiki/index.php/2016_AMC_8_Problems/Problem_24

Problem 3. 2008 AMC 8, #22.

https://artofproblemsolving.com/wiki/index.php/2008_AMC_8_Problems/Problem_22

Problem 4. 2019 AMC 8, #13.

https://artofproblemsolving.com/wiki/index.php/2019_AMC_8_Problems/Problem_13

Problem 5. 2014 AMC 8, #4.

https://artofproblemsolving.com/wiki/index.php/2014_AMC_8_Problems/Problem_4

Problem 6. 2006 AMC 8, #25.

https://artofproblemsolving.com/wiki/index.php/2006_AMC_8_Problems/Problem_25

Problem 7. 2011 AMC 8, #24.

https://artofproblemsolving.com/wiki/index.php/2011_AMC_8_Problems/Problem_24

Problem 8. 2003 AMC 8, #2.

https://artofproblemsolving.com/wiki/index.php/2003_AMC_8_Problems/Problem_2

Problem 9. 2007 AMC 8, #3.

https://artofproblemsolving.com/wiki/index.php/2007_AMC_8_Problems/Problem_3

Problem 10. 2013 AMC 8, #10.

https://artofproblemsolving.com/wiki/index.php/2013_AMC_8_Problems/Problem_10

Problem 11. 2016 AMC 8, #9.

https://artofproblemsolving.com/wiki/index.php/2016_AMC_8_Problems/Problem_9

Problem 12. 2012 AMC 8, #18.

https://artofproblemsolving.com/wiki/index.php/2012_AMC_8_Problems/Problem_18

Problem 13. 2012 AMC 8, #12.

https://artofproblemsolving.com/wiki/index.php/2012_AMC_8_Problems/Problem_12

Problem 14. 2014 AMC 8, #22.

https://artofproblemsolving.com/wiki/index.php/2014_AMC_8_Problems/Problem_22

Problem 15. 1999 AMC 8, #24.

https://artofproblemsolving.com/wiki/index.php/1999_AMC_8_Problems/Problem_24

Problem 16. 2016 AMC 8, #11.

https://artofproblemsolving.com/wiki/index.php/2016_AMC_8_Problems/Problem_11

Problem 17. 2011 AMC 8, #22.

https://artofproblemsolving.com/wiki/index.php/2011_AMC_8_Problems/Problem_22

Problem 18 (Challenge). 2013 AMC 10A, #13.

https://artofproblemsolving.com/wiki/index.php/2013_AMC_10A_Problems/Problem_13