



Grade 7 and 8 Math Circles
March 26th/27th/28th
Gauss Preparation Solutions

The Problems used in this lesson are all from previous Gauss math contests. To find their full solutions visit https://www.cemc.uwaterloo.ca/contests/past_contests.html. The code for each question (e.g. 2010-G7-19) refers to the year, contest (Grade 7 Gauss or Grade 8 Gauss), and question number. Use this information to find the correct solution on the website.

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| 1. 2008-G8-10 E | 14. 2014-G8-17 B |
| 2. 2010-G8-8 D | 15. 2013-G8-14 D |
| 3. 2008-G8-4 B | 16. 2018-G7-14 E |
| 4. 2018-G7-9 C | 17. 2011-G8-16 C |
| 5. 2012-G7-8 E | 18. 2016-G7-14 D |
| 6. 2007-G8-4 C | 19. 2017-G7-11 A |
| 7. 2015-G7-7 D | 20. 2014-G8-12 E |
| 8. 2014-G8-1 D | 21. 2018-G7-21 B |
| 9. 2016-G8-1 A | 22. 2012-G8-25 D |
| 10. 2018-G7-3 C | 23. 2008-G8-25 E |
| 11. 2018-G8-18 E | 24. 2011-G8-25 E |
| 12. 2013-G8-13 C | 25. 2010-G7-21 B |
| 13. 2018-G8-19 A | |