

11/14 Homework (due 12/5)

Email me if you have questions about the problems. I know the practice problems are challenging but if they weren't, you would not be in the class, right? Remember, math is a skill that needs to be practiced frequently. We will start fraction unit next Sunday, 11/21 and continue until the end of December.

Math III: Chapter 3 in Elementary math Olympiad practice booklet, pages 17 & 19, #6-10, #16-20

Math IV: Chapter 3, Elementary Math Olympiad section, pages 16-19, #1-20 all.

**Note: Class meets Nov 21. Thanksgiving break Nov 28. Thanks to Mr. Ding and Mr. Engmann for helping out in the 1st contest this past Sunday. Second Math Olympiad Contest is December 12, 2010.**

Answers to Olympiad 3 January 13, 2009 (DO NOW from last week)

- 3A) 5
- 3B) 7
- 3C) 14
- 3D) 10
- 3E) 9

Answers to Chapter 5 Elementary Math Olympiad practice problems:

- 1.  $A = 7$
- 2.  $A=3, B=8$
- 3.  $A=4, B=12$
- 4. 20
- 5.  $A=3, B=8$
- 6.  $H=2, E=3, A=9$
- 7.  $A=3, B=2$
- 8. 15,762
- 9. 625 or 875
- 10. 5p, 2d
- 11. 9
- 12.  $A=4, B=7, C=5$
- 13.  $A=5, B=6$
- 14. 15
- 15. 8
- 16.  $A=9, B=1, C=8$
- 17. 1936
- 18.  $A=7, B=8, C=3$ ; or 7,8,3
- 19. 95 cents or equivalent
- 20. 74