## **Governing Council**

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## **Chi Alpha Mu October Update**

**Chapter Grants:** Chapter Grants are available for up to \$250 per chapter if your chapter has not received a grant before.

<u>Free TI-84 Plus Calculators:</u> The National Office has only a few free TI-84 Plus calculators to give away.

<u>Key Curriculum Press Tinkerplots Program ("Digging into Data with Tinkerplots"):</u> One chapter of Chi Alpha Mu will receive a single user copy of the program and copies of the two workbooks

Rocket City Math League http://mualphatheta.org/Contests/RocketCity.aspx

Interschool Test is Oct 20-31, 2014. Go to the website for future dates.

<u>American Mathematics Competition:</u> We still have a few free copies of an AMC CD left to give away. These include the American Junior High Mathematics Exams from 1985 – 1999 and the AMC8 Exams from 2000 – 2007.

Raytheon's Math Moves U: The prompt is now available. Deadline for submissions is February 7, 2015 Go to: http://www.mathmovesu.com/ go to 'aboutmathmovesu, click on 'scholarships' for details. \$1,000 scholarship opportunity for students and matching \$1,000 grant opportunity for school math program.

## **Secret Message and Divisibility Rules**

All even numbers are divisible by 2. That means if you divide them by 2, there is no remainder. If a number can be divided by the number 3, the sum of the number's digits must be divisible by 3. Any number ending in 5, can be divided by 5 with no remainder. If a number ends in 0, then it is evenly divisible by 10.

Use these rules on each of the nine numbers below. To the right of each number are letters. Circle the letters in the column that meet the divisibility rules for 2, 3, 5, and 10. Put the letters out to the right in the order they were circled. Then put them in that order on the dashes at the bottom to spell out a secret message.

When you are all done, make your own divisibility secret message for a friend.

	2	3	5	10	
170	Н	В	Α	٧	
55	С	Α	Е	S	
416	F	W	1	N	
21	Α	U	Н	S	
108	N	W	R	0	
3175	D	Z	1	G	
2062	Т	R	Α	М	
9210	Н	М	Α	Т	
14	Н	0	Р	S	

(Thanks to Steve and Janis Marcy for the idea from lcms.dadschools.net/math/Pizzazz Books/Pizzaz Book C.pdf)

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