

**Challenging Math and Problem Solving**  
 數學及應用問題班 (G.3 -12)

- FREE TRIAL & ASSESSMENT TEST

This course is aimed at helping students

- get a head start on their next year of regular study.
- catch up in their problem areas
- improve problem solving skills

	Mon	Tue	Wed	Th	Fri	Sat
10 -12	✓	✓	✓	✓	✓	✓
12 - 2						✓
2 - 4	✓	✓	✓	✓	✓	
4 - 6	✓	✓	✓	✓	✓	

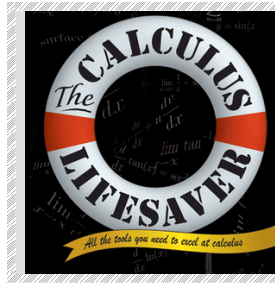
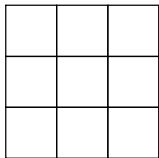
Maximum class size is 4

Fee: \$36 / session

\$34 / session if family of 2 or more registering together

**Anti - Magic Square**

Use the digits from 1 to 9 to make each line total - across, down, and long diagonals different



**AP Calculus Course**

**AP Calculus Course**

To get a head-start in Calculus. It will also benefit students who are going to take Math 12 and Calculus in the same course year. This is an intensive course. Students are expected to come twice a week. The following topics will be covered.

- Limits and Continuity
- Differentiation
- Graphing and Derivatives
- Applications of Derivatives
- Integration

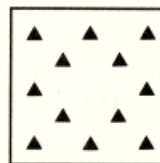
Time : Tuesday 4 -6 PM and Thu 4 -6 PM  
 ( Please ask for other available times )

Date : July 2 □ Aug 18

Fee: \$36 / session

\$34 / session if family of 2 or more registering together

There are twelve oil wells in this field. Divide the land into four identical plots and every plot has square corners.



**Intensive Math 10-12 Completion Course**

This course is aimed at helping students to get academic credit for their summer Math course.

	Mon	Tue	Wed	Th	Fri	Sat
10 -12	✓	✓	✓	✓	✓	✓
12 - 2						✓
2 - 4	✓	✓	✓	✓	✓	
4 - 6	✓	✓	✓	✓	✓	

Maximum class size is 4

Fee: \$36 / session

\$34 / session if family of 2 or more registering together



**Intensive Physics 11-12 Completion Course**

This course is aimed at helping students to get academic credit for their summer Physics course.

Maximum class size is 4

Time : Tue /Thur / July / August

( Please call for other available times )

Fee: \$36 / session

\$34 / session if family of 2 or more registering together



## International Chess 西洋棋藝班

### International Chess 西洋棋班 ( Age 6 + )

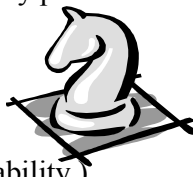
Want to learn how to play chess? Want to play a bit better? This course is appropriate for those who want to learn or advance their skills in chess. All aspects of the game will be taught in this class.

**Instructor** : Toni Deline, a candidate Master, a certified National Tournament Director and captain of the Vancouver Chess Team from 2004 to 2007. He has trained many provincial juniors chess champions.

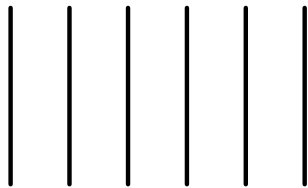
Fee: \$ 27 per session /  $1\frac{1}{2}$  hours

Time : Fri / July / August

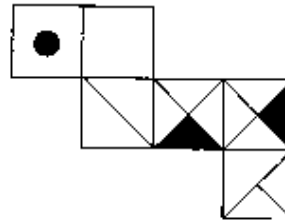
( Time flexibility, call for availability )



Winfred said to Darryl, " I bet you can't figure this out. Here are 6 straight lines. Add five more straight lines and make nine." Darryl said, "No problem." What did Darryl do?



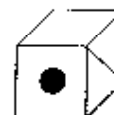
At the top below is a box that has been unfolded. Next to it are six folded boxes. Which of these folded boxes cannot be made from the unfolded box? ( There may be more than one. )



A



B



C



D

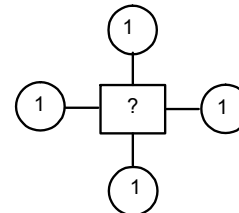
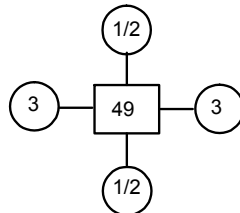
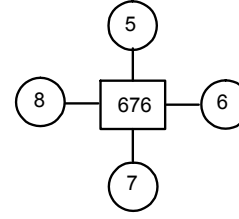
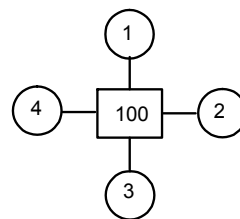


E



F

### Middle Number?



# Summer

@ 1 2 3

123 Math & Chess Learning Centre

( By Maria )

- 13 Years of Excellent Tutoring Service ( since 1996 )
- Professional Certified Teachers in Mathematics and Education

Unit 6 – 2265 West 41<sup>st</sup> Ave

604 - 271-8168

604 - 263-4567

[www.123mathandchess.com](http://www.123mathandchess.com)

Email: [marho@telus.net](mailto:marho@telus.net)

Rearranging these six matchsticks to make "nothing". No matchsticks may be bent, broken, or placed over each other.



## Avoid Summer Learning Loss

Research by the Johns Hopkins University Center for Summer Learning demonstrates that :

- **All students** experience learning losses when they do not engage in educational activities during the summer.
- On average, students lose approximately 2.6 months of grade level equivalency in mathematical computation skills during the summer months.
- Students who take a complete break from learning during the summer months could potentially lose up to 40 % of their learning momentum.
- Students who maintain their learning momentum during the summer are better prepared for academic success in the fall.

## Put a plug in the summer brain drain

Squeeze in "LEARNING" in your Summer plans. Stay Sharp during the Summer.



For enquiries and registration, please contact Maria at:

604-271-8168

604-263-4567