

SCHOLAR'S MATE

CANADA'S CHESS MAGAZINE FOR KIDS
DECEMBER 2018

number 142



JOURNEY TO THE CENTRE OF GRAVITY

WORLD CHESS CHAMPIONSHIP

SNEAKY PAWNS part 1

SCHOLAR'S MATE

Canada's Chess Magazine For Kids

On-line and free!

The **Chess'n Math Association** publishes *Scholar's Mate* four times per year as a **PDF** document. You can read the "e-magazine" on your computer screen or print it out.

The magazine can also be viewed in **DNL** format, with pages that actually turn! A free DNL Reader can be downloaded from the CMA website.

www.chess-math.org

If you have any questions about the magazine, please contact us at:

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SCHOLAR'S MATE

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December 2018 (date of issue)



HAPPY HOLIDAYS!



We wish you all a great new year. Hopefully it will include lots of chess!

Congratulations to Anthony Atanasov of Oakville, Ontario for finishing 7th in the under 10 section of the *World Cadet Championship* in Spain last month. That story and many more are on our news pages.

The Chess'n Math *Excellence Program* recognizes exceptional young chess players with bursaries and ambassadorships. See page 10 on how to qualify.

Here's the mag,

Kiril

HOLIDAY CHESS CAMPS

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SCHOLAR'S MATE
DECEMBER 2018 #142



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Pawns are slow. And when they're blocked, they have nowhere to go. But pawns can also be sneaky!

This is especially true in the endgame. It's amazing how a group of pawns can sometimes work together to force a promotion, even when there are an equal number of defending pawns across from them.

A pawn is called "passed" when there are no opposing pawns to stop it from reaching the last rank. In pawn endings, once a pawn becomes passed, only the king can stop it, if he can!

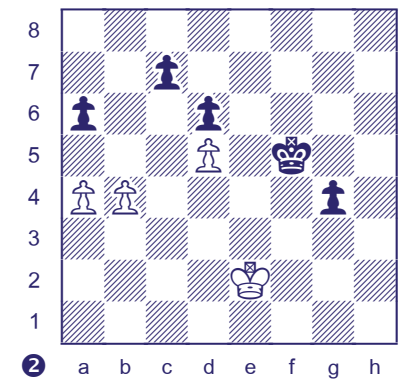
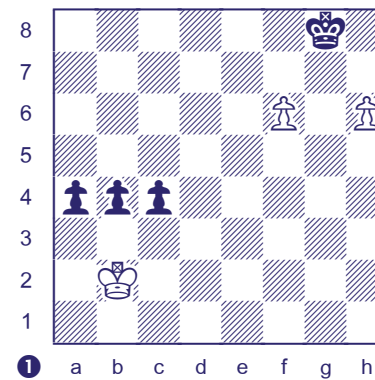


Diagram #1 looks very bad for white. Black has three connected pawns and White has two isolated pawns. But with White to move, it is actually Black who is in trouble. (*Black to play would win with 1...b3.*)

The key move is the surprising 1.Kb1! Now the black king is stuck. If he goes to the h-file, the f-pawn queens after 1...Kh7 2.f7. And if he goes to the f-file, the h-pawn queens. 1...Kf7 2.h7. So Black has to move a pawn. Whichever pawn advances, the white king goes in front of it. 1...a3 2.Ka2 or 1...b3 2.Kb2 or 1...c3 2.Kc2. Black will eventually run out of pawn moves (and pawns) and will have to move the king.

For example, 1.Kb1 a3 2.Ka2 c3 3.Kb3 a2 4.Kxa2 c2 5.Kb2 b3 6.Kc1! b2 7.Kxb2 c1=Q+ 8.Kxc1 Kf7 9.h7 1-0

In position #2, the white pawns are again able to outfox the black king. With an extra pawn, it seems like Black is cruising to victory. But looks can be deceiving.

The sneaky first move is 1.a5! (*not 1.b5? a5!*). White's threat is to push the b-pawn (1...Kf4 2.b5! axb5 3.a6!), so the black king comes over to defend. 1...Ke5 2.b5! Kxd5 (2...axb5 3.a6!) 3.bxa6 Kc6. Black's king is close enough to stop the a-pawn from queening, but he cannot stay there! White plays 4.Kf2 and waits for Black to run out of pawn moves. 4...d5 5.Kg3 d4 6.Kxg4 d3 7.Kf3 d2 8.Ke2 d1=Q+ 9.Kxd1 Kb5 10.a7 1-0

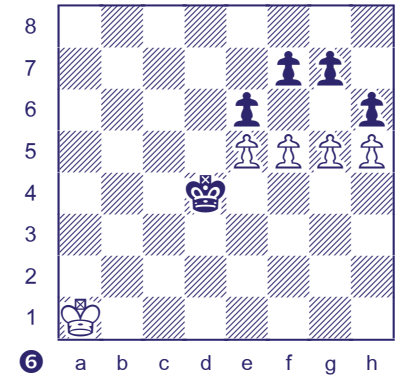
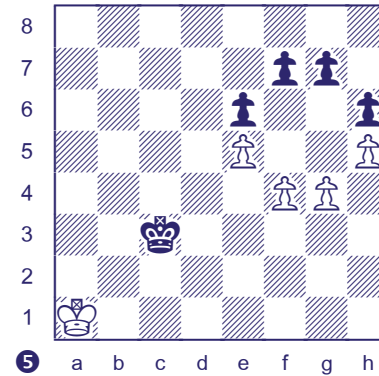
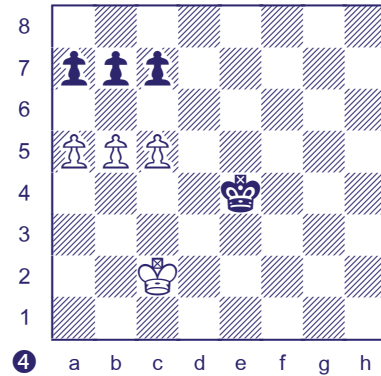
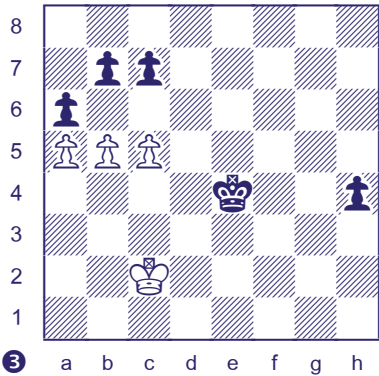


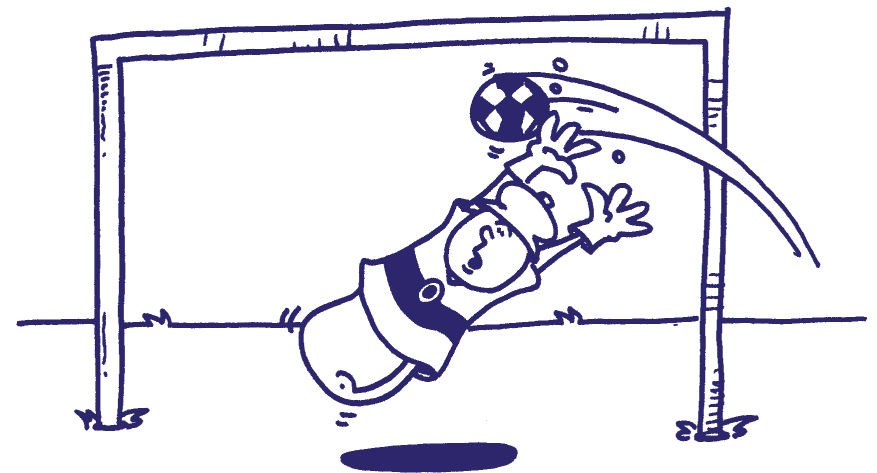
Diagram #3 is easier. Black is up by a pawn, and has 3 against 3 on the queenside. This time the white pawns score the point with 1.c6! bxc6 (or 1...axb5 2.cxb7) 2.bxa6 and promote one move ahead of Black. 2...h3 3.a7 h2 4.a8=Q h1=Q 5.Qxc6+ Kd4 6.Qxh1 1-0 Skewered.

#4 is the classic example of a “pawn breakthrough”. Black has an equal number of pawns and the better king position, but still loses! With a bit of trickery, White makes a passer (and a new queen). 1.b6! cxb6 (1...axb6 2.c6! is the same thing.) 2.a6! bxa6 3.c6 a5 4.c7 b5 5.c8=Q 1-0 (This breakthrough would not work if the black king started on f5. Then he could play 3...Ke6!)

Position # 5 shows a neat tactic with a 4 on 4 matchup. White's first two moves can be played in either order.

- 1.f5 Coming through! Now 1...exf5 2.gxf5 Kd4 3.e6 is easy and 1...g5 loses to 2.hxg6 en passant! So Black's only hope is to bring the king back.
- 1...Kd4 Hoping to win after 2.f6? gxf6 3.exf6 Ke5! 0-1
- 2.g5 HoLy CoW!! See diagram 6.
- 2...Kxe5 White also queens after 2...exf5 3.g6! fxc6 4.e6 or 2...hxg5 3.f6! gxf6 4.h6.
- 3.f6 Another incredible shot!
- 3...gxf6 (3...hxg5 4.fxg7) 4.gxh6! f5 5.h7 1-0

Well, sports fans, that wraps up today's action. See you next time for some more great pawn play!



Chess Excellence Program 2018-2019

The *Chess'n Math Association* is proud to announce a new program, created to recognize the talent and hard work of Canadian chessplayers who participate in CMA events. The "Players of the Year" will become *Chess'n Math Ambassadors* and receive a special jacket with their name embroidered on the front.



\$10,000 in Bursaries

	player of the year (vote)	highest rating	female player of year (vote)	top 2-20 rating (draw)
grades K-3				
Quebec	\$200	\$100	\$100	\$100
Ontario	\$200	\$100	\$100	\$100
West	\$200	\$100	\$100	\$100
Atlantic+Prairies	\$200	\$100	\$100	\$100
grades 4-6				
Quebec	\$300	\$150	\$150	\$150
Ontario	\$300	\$150	\$150	\$150
West	\$300	\$150	\$150	\$150
Atlantic+Prairies	\$300	\$150	\$150	\$150
grades 7-12				
Quebec	\$500	\$250	\$250	\$250
Ontario	\$500	\$250	\$250	\$250
West	\$500	\$250	\$250	\$250
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West = BC AB Atlantic + Prairies = NB NS PE NL SK MB

RULES

To be eligible for any prize, a player must be a Canadian resident and play at least 25 CMA rated games (30 in ON and QC) between September 1, 2018 and June 30, 2019. Players who switch provinces during this time are ineligible. Highest rating determined on June 30, 2019. Only one prize per person.

Nominations for *player of the year* must be submitted by June 1, 2019. A form will be available on the CMA website. The criteria are exceptional results or significant improvement, sportsmanship, and model behaviour in the chess community. A biography and reason for nomination must accompany the form. The voting committee will consist of one representative from each province.

MORT and MARLEY



Hey, Mort. Making a snowman indoors was a great idea.

Yea, it was too cold to play outside. We would have frozen.

But isn't the snowman going to melt inside the house?

Don't worry, Marley. I turned the heat off.

You're a genius, Mort! I'm going to put my coat on.

Me too.



CANADA TOP TEN



KINDERGARTEN

1 TSUKERMAN Leon	662	QC
2 YANG Jayden	502	ON
3 PICHETTE Leo	500	QC
4 PERIA Manny	465	AB
5 CHEN David	446	BC
6 ISKANDER Diyas	440	ON
7 RILEY Tayo	410	AB
8 CHEN Tymon	405	ON
9 KIRILENKO Anastacia	398	QC
10 POPA Alexandru	347	QC

GRADE 1

1 WU Nicholas	930	BC
2 HUANG Justin	864	ON
3 YE Oliver	784	BC
4 GAO Heye	745	ON
5 SHAR Timur	738	ON
6 NGUYEN An	735	BC
7 JIN Linus	710	AB
8 YANG Nathan	708	BC
9 IVANOV-YUAN Maksim	702	QC
10 GUBCEAC Tim	688	ON

GRADE 2

1 ZHONG Ryan	1140	ON
2 QU Jayden	1093	BC
3 GUILLEMETTE Hugo	1075	QC
4 GAO Justin	1049	BC
5 DUVAL Mathieu	1015	QC
6 WANG Edouard	1015	QC
7 IVANESCU Matthew	1009	AB
8 GOLCHIN Ryan	999	BC
9 QIN Weixuan	983	QC
10 WANG Leo	979	QC

GRADE 3

1 TSENG Bradley	1206	ON
2 LAU Joshua	1154	ON
3 LIU Lucas	1148	QC
4 GUO Richard	1138	ON
5 BOROOMAND AryaCyrus	1102	BC
6 MANE Arnav	1064	ON
7 GEORGESCU-NICOLAU Luca	1061	QC
8 PUGACH Daniel	1057	ON
9 XIE Fei	1056	QC
10 CHEN Chen	1019	QC

GRADE 4

1 QU Greta	1526	ON
2 YANG Ryan	1512	BC
3 YAN Alex	1500	QC
4 SONG Ethan	1494	BC
5 HAN Johnathan	1348	ON
6 GAO Lucy	1308	ON
7 LI James	1292	QC
8 WANG Nathan	1292	ON
9 JIN Alexander	1280	BC
10 XIE Daniel	1259	ON

GRADE 5

1 ZHONG Kevin	2315	QC
2 ATANASOV Anthony	2180	ON
3 XU Daniel	2131	ON
4 CHANDRA Anand	2082	AB
5 NING Eric	2034	ON
6 WANG Daniel	1760	BC
7 CHANG Alexander	1526	QC
8 CHAPDELAINE Gwyn	1500	QC
9 WU Nathan	1490	BC
10 LI Adam	1488	ON

GRADE 6

1 ZHENG Richard	2144	QC
2 CHEN Max	2101	ON
3 GUIPI BOPALA Prince	1869	QC
4 ZHAO Jeffrey	1862	ON
5 HUANG Youhe	1723	ON
6 ZHANG Chu Hang	1693	QC
7 LIU Kevin	1558	QC
8 LIU Henry	1556	ON
9 ZHU Matthew	1532	ON
10 SRINIVASAN Hemant	1506	AB

GRADE 7

1 ISSANI Nameer	2224	ON
2 KANG Dorian	2135	ON
3 NOOR ALI Aahil	1967	ON
4 RUSONIK Max	1952	ON
5 GU Chuyang	1708	BC
6 CRACIUN David	1697	QC
7 JEYAKUMAR Bhavatharshan	1661	ON
8 GAO Raymond	1642	ON
9 JACOBS Michael	1604	ON
10 WU Lucian	1597	BC

GRADE 8

1 HUANG Qiuyu	2451	QC
2 TANAKA Tyler	2276	QC
3 DOKNJAS Neil	2071	BC
4 TIAN Sherry	1980	BC
5 ZHAO Jeffrey	1942	ON
6 ENGLAND Max	1942	ON
7 HUANG Patrick	1922	BC
8 LOW Kevin	1905	BC
9 WU Tony	1826	PE
10 RICHARD Leo	1811	QC

GRADE 9

1 RODRIGUE-LEMIEUX Shawn	2590	QC
2 VETTESE Nicholas	2414	ON
3 HEMSTAPAT Andrew	2370	BC
4 ZHAO Ian	2264	AB
5 DURETTE Francis	2214	QC
6 LIN Benjamin	2126	ON
7 ZHONG Wenxuan	2007	QC
8 QU Leo	1882	BC
9 PAPNEJA Arul	1876	ON
10 ZHENG Victor	1796	BC

GRADE 10

1 HUA Eugene	2451	ON
2 TALUKDAR Rohan	2383	ON
3 DEMCHENKO Svitlana	2329	ON
4 NORITSYN Sergey	2294	ON
5 ZHANG Henry	2221	ON
6 SURYA Benito	2162	ON
7 GAISINSKY Adam	2019	ON
8 LIU Daniel	1978	ON
9 FENG Richard	1970	ON
10 PULFER Luke	1900	BC

GRADE 11

1 OUELLET Maili-Jade	2409	QC
2 DOKNJAS Joshua	2367	BC
3 LIANG Hairan	2353	ON
4 CAI Jason	2289	ON
5 LI William	2271	ON
6 LIU Lambert	2228	ON
7 WOLCHOCK Theo	2168	MB
8 FAN Run Kun	2136	ON
9 MA Derek	2125	MB
10 YIE Kevin	2113	ON

GRADE 12

1 CHEN Richard	2527	ON
2 ZHANG Yuan Chen	2364	ON
3 WAN Kevin	2356	ON
4 GEDAJLOVIC Max	2338	BC
5 SAHA Ananda	2265	QC
6 ZHAO Harry	2252	ON
7 ZOTKIN Daniel	2240	ON
8 XU Jeffrey	2221	ON
9 HIEBERT Kenji	2130	BC
10 SCHNABEL Bennett	2094	BC

HONOUR ROLL

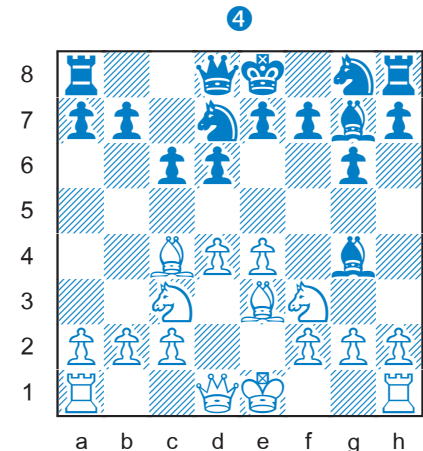
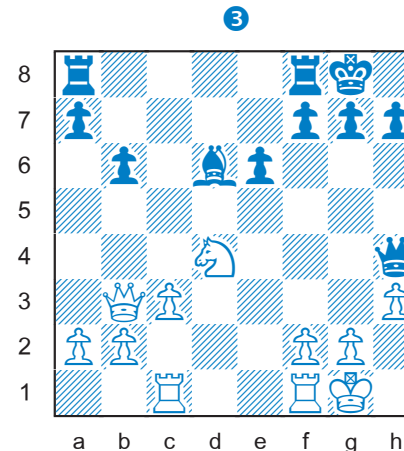
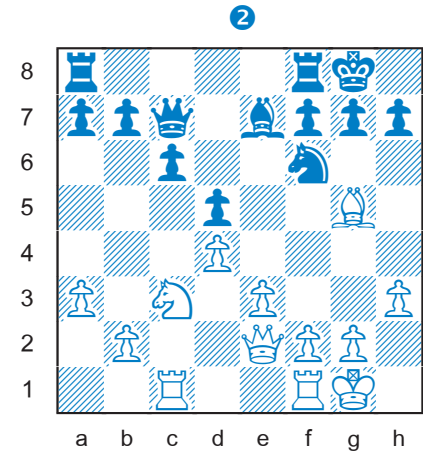
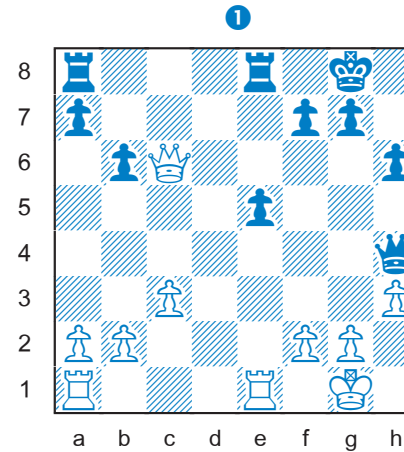
1 RODRIGUE-LEMIEUX Shawn	2590	QC
2 CHEN Richard	2527	ON
3 HUA Eugene	2451	ON
4 HUANG Qiuyu	2451	QC
5 VETTESE Nicholas	2414	ON
6 OUELLET Maili-Jade	2409	QC
7 TALUKDAR Rohan	2383	ON
8 HEMSTAPAT Andrew	2370	BC
9 DOKNJAS Joshua	2367	BC
10 ZHANG Yuan Chen	2364	ON

TACTICS 102

"WIN A PAWN!"

White to play and win material.

solutions page 59



EFIM BOGOLJUBOV

(1889 - 1952)

This Ukrainian grandmaster was champion of the Soviet Union before he immigrated to Germany in 1927. He played two matches for the world championship, both against Alexander Alekhine, losing $15\frac{1}{2}$ - $9\frac{1}{2}$ in 1929 and $15\frac{1}{2}$ - $10\frac{1}{2}$ in 1934.



“When I am white, I win because I am white; when I am black I win because I am Bogoljubov.”

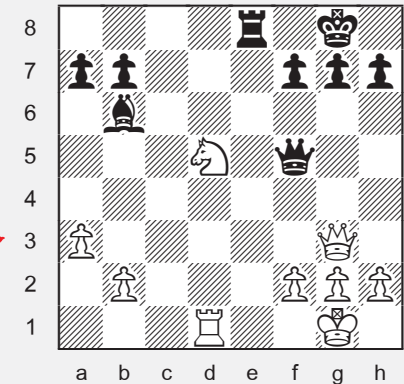
BOGO-INDIAN DEFENCE

1.d4 Nf6 2.c4 e6 3.Nf3 Bb4+

“Bogo” was a popular player known for his good sense of humour. His style of play was confident and imaginative. Bogoljubov’s greatest victory was at Moscow in 1925 where he finished first ahead of Lasker and Capablanca.

COMBO MOMBO !!

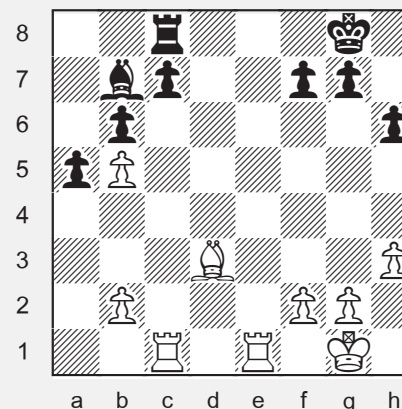
SPOTLIGHT ON BACK RANK MATES



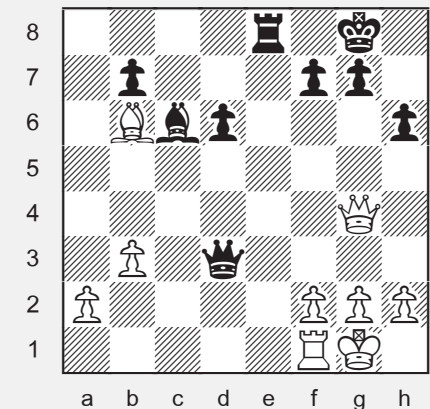
Besides bringing a game to a quick conclusion, *back rank mates* can also be used to gain material.

♔ White to play wins the black queen with the fork 1.Ne7+ Kf8 2.Nxf5 because 1...Rxe7 allows a back rank mate by 2.Qb8+ Re8 (2...Bd8 3.Qxd8+) 3.Qxe8#.

♚ If Black goes first, they can simply take the white knight. After 1...Qxd5. White cannot recapture with 2.Rxd5, or they get mated by 2...Re1#.



♔ WHITE TO MOVE
Win Material



♚ BLACK TO MOVE
Win Material

solutions page 59



WORLD CHESS CHAMPIONSHIP

World chess champion Magnus Carlsen (Norway) successfully defended his title last month against challenger Fabiano Caruana (USA). The match was played in London, England with a prize fund of one million euros (\$1.5 million Canadian).

Surprisingly, all 12 scheduled games were drawn. So with the score tied 6-6, the match was decided by a four game playoff at a quicker time limit. Carlsen won the first three to earn the victory.

Magnus has been world champion since 2013. He celebrated his 28th birthday on November 30.



Magnus Carlsen

BATTLE OF ALBERTA

The *Junior Battle of Alberta*, a two round match between 12 player teams from north and south Alberta, was played on September 29 in Red Deer.

Team South won convincingly by a score of 17-7. Six players had perfect 2-0's: Maxim Vasic, Ian Zhao, Hemant Srinivasan, Andrew Chen, Aditya Raninga (all Calgary), and Lucy Cao (Edmonton).

QUEBEC TEAMS

The *Scholastic Team Tournament* in Montreal on December 2nd brought together 279 players on 58 teams. The winning schools and team members were:

- K-3**
1. Fernand-Seguin
Michel Ding
Antoine Roy
Chu Fan Fang
Jamie Wang
 2. La Vérendrye
 3. Selwin House
 3. Internationale

- HS**
1. Jean-de-Brébeuf
Qiuyu Huang
Hunter Wei
Benjamin Yu
Deren Mai
 2. F.A.C.E.
 3. Notre-Dame

- K-6**
1. Internationale
Kevin Liu
Ze Yue Li
Guang Zhu Cui
Aaron Lou
 2. Fernand-Seguin
 3. Stanislas
 3. Notre-Dame-de-Grâce



WORLD CADET CHESS CHAMPIONSHIP

The *2018 World Cadet Chess Championship*, for ages under 8, 10, and 12, was held November 3-15 at Santiago de Compostela, Spain. A record 851 participants from 86 federations took part, including 26 Canadians (21 boys, 5 girls).

Congratulations to prize-winner Anthony Atanasov (Oakville ON), who finished in 7th place under 10, with 7½ points out of 11 games. This is exactly the same result that he had last year. Wow!

Other Canadians with 6 or more points in the open sections were <10: Daniel Xu, Kevin Zhong, Anand Chandra, Johnathan Han, Eric Ning, and <12: Max Chen, Dorian Kang. Top girl from Canada was Greta Qu (Mississauga, <10) with 6 points.

See page 46 for a full list of results.



CHESS OLYMPIAD

The 43rd *Chess Olympiad* took place September 24 to October 5 in Batumi, Georgia. 180 teams from around the world attended the 11 round tournament. The competition ended in a three-way tie between China, the United States, and Russia. The gold medal was awarded to China on tiebreaks, with silver going to the USA and bronze to Russia. Poland and England tied for 4th and 5th.

Team Canada finished a respectable 23rd, scoring 6 match wins, 3 draws, and 2 losses. Team members were Eric Hansen (AB), Razvan Preotu (ON), Evgeny Bareev (ON), Nikolay Noritsyn (ON), and Aman Hambleton (ON). Evgeny Bareev had the top score with 6 points out of 10 games.

The women's section was also won by China, followed by Ukraine and Poland. Canada placed 38th out of 150. The team members were Agnieszka Matras-Clement (AB), Qiyu Zhou (ON), Maïli-Jade Ouellet (QC), Svitlana Demchenko (ON), and Lali Agbabishvili (ON). The best result was by Qiyu Zhou, scoring 7 points in 10 games.

MONTREAL GRAND PRIX

The first Montreal *Grand Prix* tournament of the school year, held November 11, attracted 201 players. After one event, the leaders in each age group are: <8 Weixuan Qiu; <10 Vikrant Harihara, Eric Liu, Barron Jiang; <12 Chu Hang Zhang, Gwyn Chapdelaine; <14 Tyler Tanaka; <18 Shawn Rodrigue-Lemieux.

CANADIAN GM-to-be

Congratulations to Raja Panjwani (Ontario) on achieving his third and final "GM norm" at a tournament in Uruguay in June. He will receive the grandmaster title once he raises his rating to 2500 (currently 2450).

Raja competed many times in the *Canadian Chess Challenge* and was Canadian junior champion in 2009.

The 28 year old International Master has written an excellent book on the Sicilian Defence: *The Hyper-Accelerated Dragon*.



WORLD YOUTH CHESS CHAMPIONSHIPS

The 2018 *World Youth Chess Championships*, for ages under 14, 16, and 18, were played October 20-30 in Chalkidiki, Greece. There were 635 participants from 79 different countries, including eleven Canadians (5 boys, 6 girls).

Top scorer for Canada in the 11 round event was Nicholas Vettese (Toronto) with 7 points in the open under 14 section. Other players with a positive score were Rohan Talukdar (Windsor, open <16) and Maïli-Jade Ouellet (Montreal, girls <16), each with 6½ points.

See page 47 for a full list of winners and Canadian results.



B.C. JUNIOR

The *B.C. Junior Championship* was held November 10-12 at the University of British Columbia. Twenty-six players took part in the five round event.

Joshua Doknjas is this year's champion, scoring 4½ points. Second place, on tiebreak, went to William Bremner, followed by Callum Lehingrat and Neil Doknjas, all with 4 points.

"Junior" refers to competitions for players under 20 years old.

WORLD YOUTH OLYMPIAD

The *World Youth Under 16 Olympiad* took place November 25 to December 2 in Konya, Turkey, with 222 players on 46 teams from 39 countries. A special rule for the tournament required that a girl must play at least three of each team's 36 games.

Uzbekistan won the gold medal, scoring 8 match points in the 9 round event. Silver went to India (7) and bronze to China (6½).

Canada placed 36th with 3½ points. Team members were William Li (ON), Zhanhe Liu (QC), Cynthia Cui (NB), Leonardo Cui (NB), and Andrea Botez (BC).



MARITIME SCHOLASTIC TEAM CHAMPIONSHIP

The ninth annual *Maritime Scholastic Team Championship* took place in Charlottetown on November 17 between teams from Nova Scotia, New Brunswick, and Prince Edward Island. Each province fielded 24 players for the four round match, which is divided into four groups by grade.

For the first time, the winner of the event was Team PEI. See photo below. They scored 50 points (out of 96 games) to edge out New Brunswick by a half point. Nova Scotia finished third at 44½.

The four individual champions (best score on the top boards) were Oskar Morrison (K-3, NS), Leon Liang (4-6, PE), Alexandre Leblanc (7-9, NB), and Leonardo Cui (10-12, NB).

Other players deserving mention, with perfect 4-0 scores, were PEI: Suri Wang; NB: Ben Yeomans, Vadim Stoilov, Darrin Liu; and NS: Jason Chen.



Prince Edward Island

2018 Maritime Champions

ALBERTA JUNIOR

The *2018 Alberta Junior Chess Championship* was a six player round robin, held in Edmonton on November 17-18. The new champion is 11th grader Aditya Raininga (Calgary). Tying for second place were David Yao (Edmonton) and Maxim Vasic (Calgary).

The winner of the *Alberta Girls Championship* was Lucy Cao.

MANITOBA

The *Manitoba Scholastic Open Championship*, held last month in Winnipeg with 17 players, was won by 11th grader Theo Wolchock. Derek Ma came in second and Leah Schwartz was third.

It is a very good year for Theo Wolchock. He also won the *Manitoba Junior* for the third year in a row in October.

BRITISH COLUMBIA

The *103rd B.C. Closed Chess Championship* took place on October 5-8, with eight players. For the second year in a row, the provincial co-champions are Tanraj Sohal and Grigorii Morozov. Runners-up were Joshua Doknjas and Raymond Kaufman.

OTTAWA

The *Holiday Classic* scholastic tournament on December 2 had 53 participants. Section winners were Sanjay Ramesh, Derek Wang, Jinglai He, Ryan Ding, Peter Mastroianni, Eric Jiang, and Dian Bing Jiao.



NEWFOUNDLAND

The *2018-2019 Newfoundland and Labrador Individual Chess Championship* was played on November 24th in St. John's, with 42 players attending.

The new champions are:
primary William Greey
elementary Evan Fang
junior high Tanish Bhatt
high school Xingbo Huang



TORONTO GRAND PRIX

There were 237 players at the first *Grand Prix* tournament in Toronto on November 25. The top scorers in each section were: <8 Isaac Duanmu, Ezekiel Paule; <10 Bradley Tseng, Albert Luo, RJ De Leon, Daniel Zhang; <12 Anthony Atanasov; <14 Vinushan Vijendra; <18 Shon Lazarev.

Two more events, sponsored by the *Chess'n Math Association*, are scheduled for February 10 and May 12. The total prize fund is \$3000 in gift certificates.

NORTH AMERICAN YOUTH CHESS CHAMPIONSHIP

The 2018 North American Youth Chess Championship was held November 16-21 in Baja California, Mexico. The 241 participants included 25 Canadians (16 boys, 9 girls) who made the long trip to sunny Baja.

Shawn Rodrigue-Lemieux (Montreal) placed first in the under 16 section to earn his first "international master norm". Yay!

Other Canadians also had excellent results, finishing in the top five of their age groups.

Open			Girls		
< 8	Lucas Liu	3rd	< 8	Eliza Tian	3rd
<10	Ethan Su	3rd	< 8	Alina Chen	4th
<14	Tyler Tanaka	3rd	<10	Mitchell Hua	2nd
<14	Ian Zhao	5th	<12	Julia Tsukerman	3rd
<16	Quiyu Huang	5th	<16	Andrea Botez	5th
<18	Eugene Hua	2nd	<18	Tian Shi Yuan	3rd
<20	Rohan Talukdar	5th	<20	Svitlana Demchenko	3rd

ANOTHER TWELVE YEAR OLD GRANDMASTER

Last issue we reported that Rameshbabu Pragganandhaa (India) was the second youngest person to ever become a grandmaster. But now another player has bested his mark by 3 days!

Javokhir Sindarov of Tashkent, Uzbekistan has earned the GM title at age 12 years, 10 months, 10 days. His third "norm" was achieved in a tournament at Budapest, Hungary in October.

Sergey Karjakin (Russia) remains the youngest player to become a grandmaster (12 years, 7 months). Current world champion Magnus Carlsen (Norway) is the sixth youngest (13 years, 4 months).



Grandmaster Javokhir Sindarov

SASKATCHEWAN

Chess is on the go in Saskatchewan, with scholastic tournaments being held in both major cities.

Andrew Li and Alan Li tied for first in Regina on November 18.

Leo Lin and Khoi Trinh won their sections in Saskatoon on December 9.



NORTH AMERICAN YOUTH CHESS CHAMPIONSHIP

Kingston, Ontario August 16-20, 2019

organized by *Chess'n Math Association*

Visit www.chess-math.org
for details on this exciting international event!



WOMEN'S WORLD CHAMPION

The 2018 Women's World Championship took place in Khanty-Mansiysk, Russia on November 2-23. The winner of the 64 player knockout tournament was defending champ Ju Wenjun (China). First prize was \$60,000. Her opponent in the finals was Kateryna Lagno (Russia).

Ju Wenjun, 27 year old grandmaster from Shanghai, had just become champion six months ago by winning a match against Tan Zhongyi.

Canadian women's champion Maïli-Jade Ouellet (Montreal) was eliminated in the first round by grandmaster Aleksandra Goryachkina (Russia) after one draw and a loss.



Ju Wenjun
Women's World Champion



NEW BRUNSWICK

The *New Brunswick Closed Chess Championship* was held in December at Saint John. The winner was Jean Desforges, a longtime friend of Kiril the Pawn, scoring 5 out of 5 in the six player round robin. Bill Bogle came second and Jason Manley third.



Roving ChessNuts 2018 Grade 3 Champions

Edmonton 2018



Iron Defence

Halloween 2018, Montreal



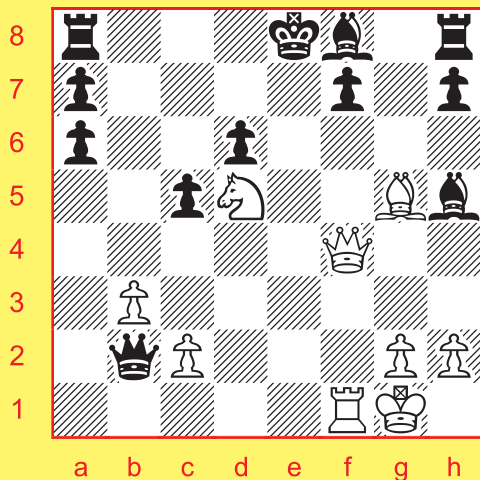
CHECKMATES



WHITE TO MOVE

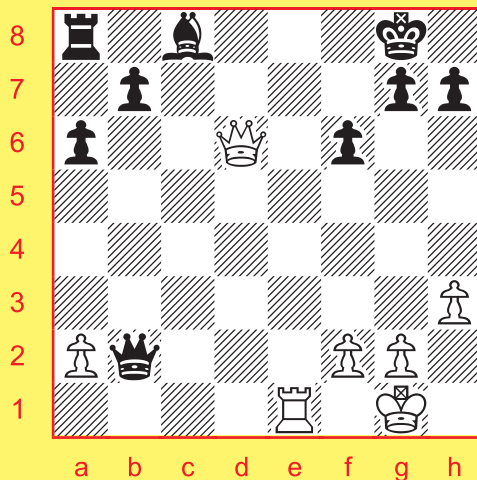
solutions page 59

1



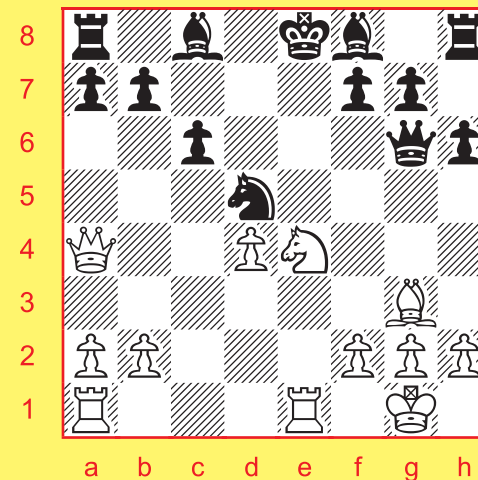
MATE IN 1

2



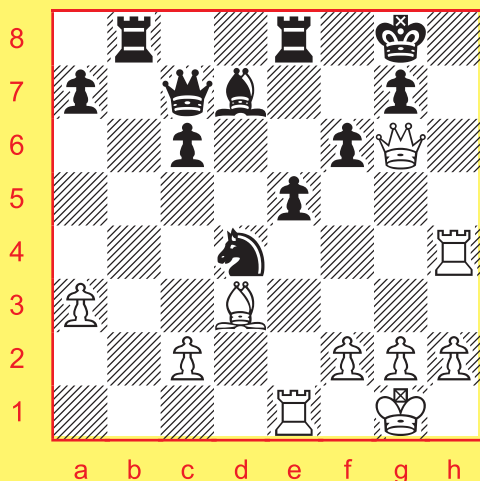
MATE IN 2

3

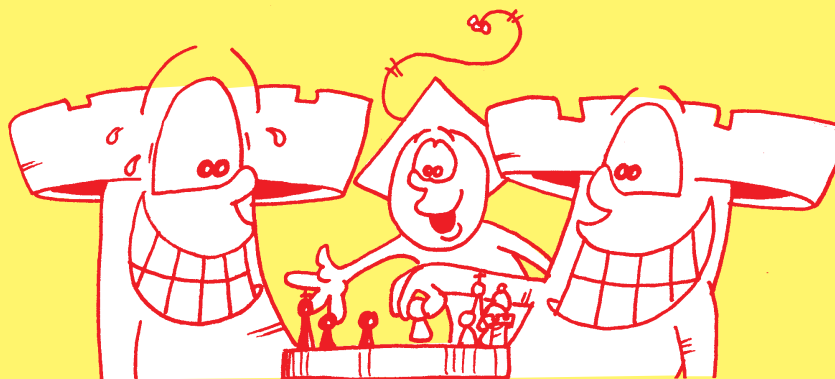


MATE IN 2

4

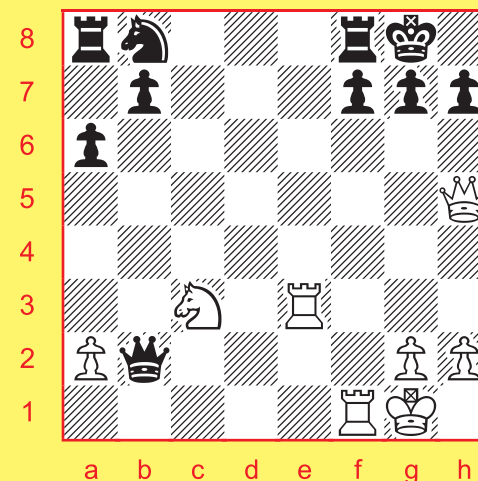


MATE IN 2



"Wow! Nice move."

5



MATE IN 3

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Chess Organization

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Check it out!



HEY, FRIENDS!
I'VE GOT E-MAIL.

You can write me a letter
or enter my contest at:

kiril@chess-math.org

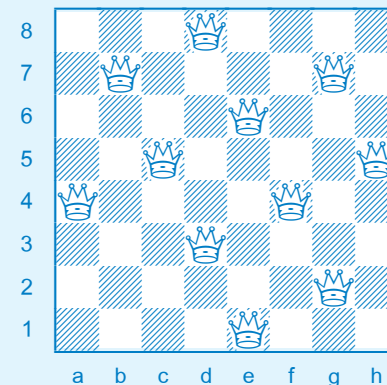
LILY'S PUZZLER

Hi boys and girls!

Here is a puzzle called
the *Queen Separator*.

All eleven queens in this
position are guarded. Add
three pawns so that none
are guarded!

solution page 59



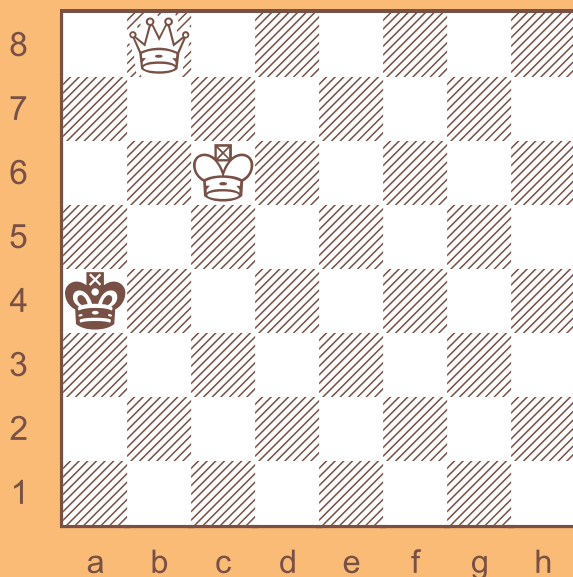
Every queen is defended. Place three white pawns
on the board so that no queen is defended.





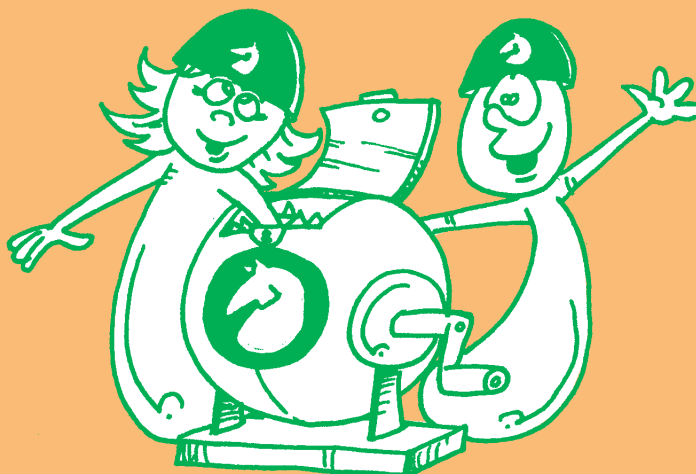
KIRIL'S KONTEST

1



MATE IN 2

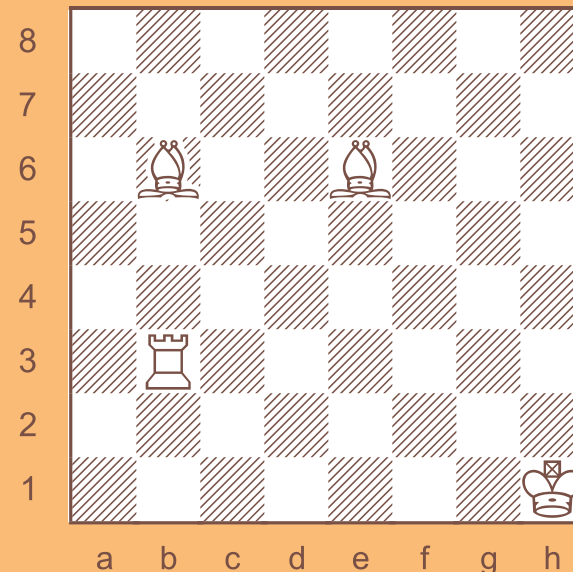
White to play.
Force checkmate
in two moves.



Can you solve these puzzles?

Send in your answers and
maybe you will win the contest.
The prize is a set of chess
pencils and a knight key chain.

2



TRIPLE LOYD

Place the black king so that:
A. Black is in mate.
B. Black is in stalemate.
C. White has mate in 1

Enter the contest by mailing your solutions to:

kiril@chess-math.org

Deadline: February 25, 2019

One lucky person will win the drawing
for a set of chess pencils
and a knight key chain.

There was 1 correct entry for September's contest.

1 Mate in 2 1.Rd8+ Rxd8 (or 1...Bxd8) 2.Qf7#

2 Triple Loyd A.Kd6# B.Kd8= C.Kd4 (1.Qd5#)

The winner of the drawing for
a set of pencils and a key chain is

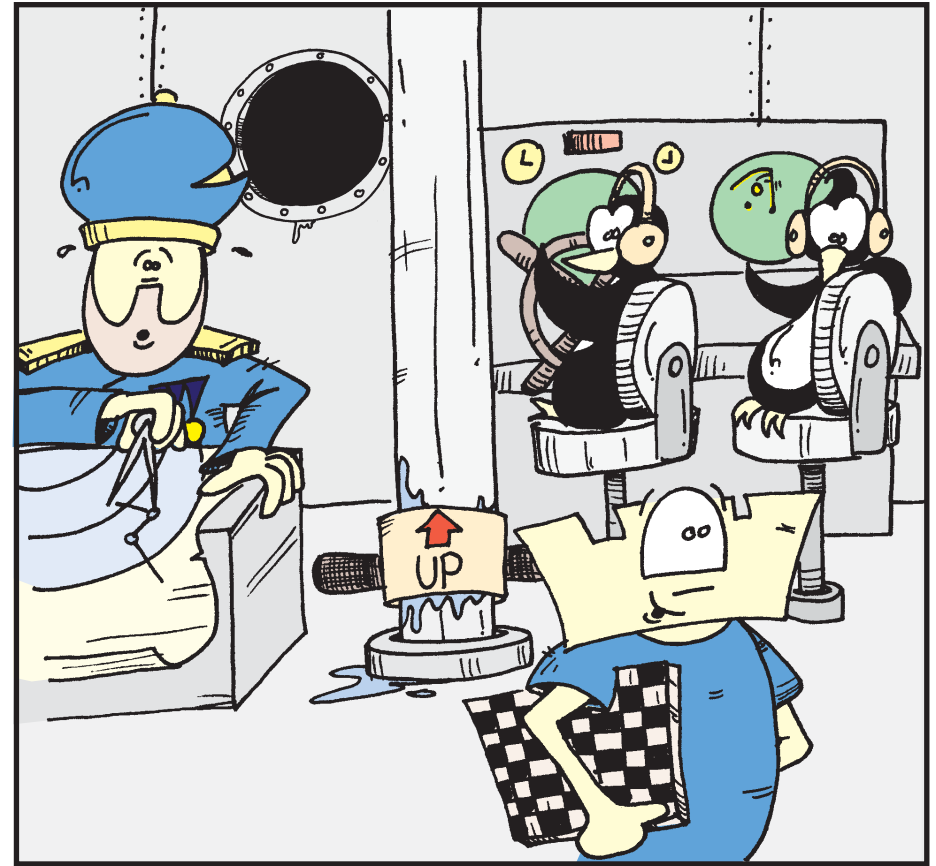
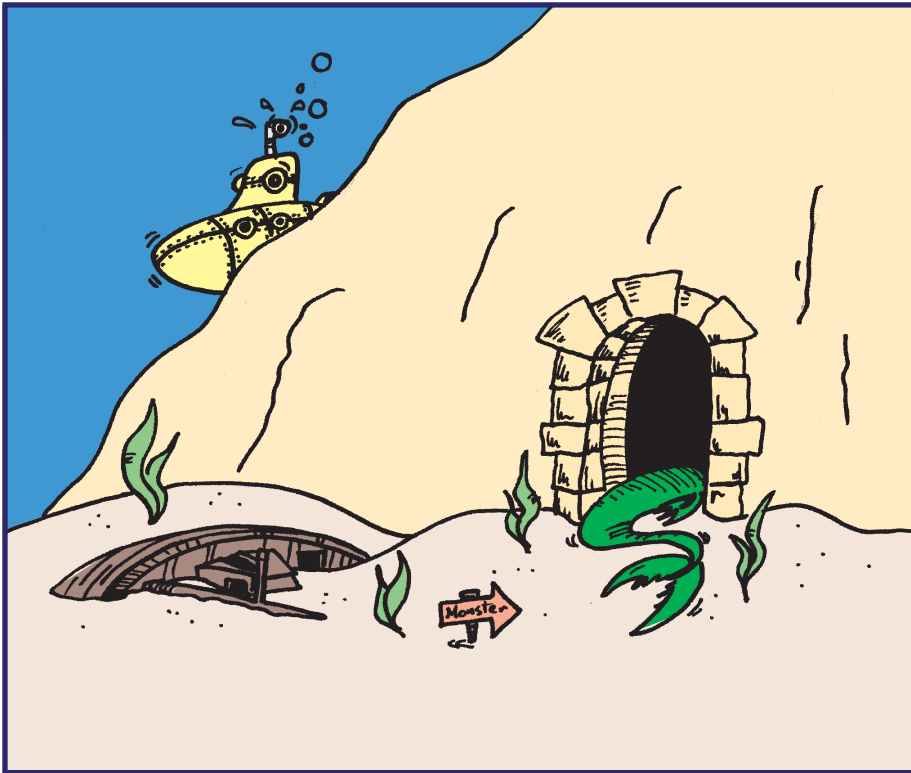
Nicole Chiriack-Abbott of Kitchener, Ontario.



JOURNEY TO THE CENTRE OF GRAVITY

At the end of our last episode, Captain Bemo and his brave crew were deep in the shadowy depths of Lake Superior. Their submarine had just entered an underwater tunnel. But only after they distracted the Gitchee Gumee monster that guarded the entrance.

According to legend, it was an ancient tunnel built long ago by the Duluthians, an alien race of superior beings. Where did it lead? That was the question. That was the adventure.



Captain Bemo had a theory about the purpose of the tunnel. He believed that it led to the centre of the world, where the Duluthians mined the Earth's core for iron and nickel. If he was correct, it would be a long hazardous journey.

As usual, the captain was fully prepared. The outer shell of the submarine was reinforced with *unobtainium*, a rare metal that would shield them from the intense heat and pressure that exist at the heart of our planet.

Through the darkness, they dove ever deeper, steering a course where the tunnel led. Like all explorers, trusting their courage, they ventured boldly into the unknown.

Would you like to come along?



When the captain briefed the crew, he explained that the distance from the surface to the centre of the Earth is 6400 kilometres. That's as far as St. John's, Newfoundland to Victoria, BC.

Going down, the first 3000 km are solid rock. There the tunnel would bring them to a molten sea of liquid iron, with temperatures as hot as the sun. Another 2000 km below that lies the inner core, a giant solid ball of nickel and iron, nearly as big as the moon. Hopefully, when they get there, with a little luck and a powerful sonar, they can find the next part of the tunnel, and continue going down. Down until there is no down, where every way is up.

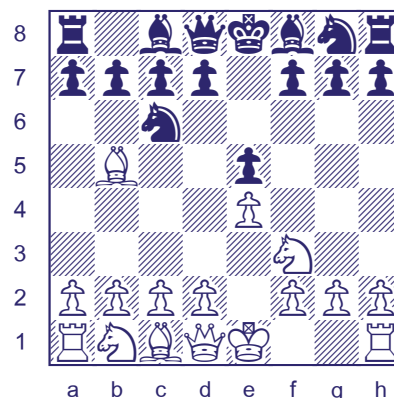
Life onboard went on as normal. The penguins, Gwen and Penn, stood their watches on the bridge, manning the controls. Chief Wrenchy kept the engines running; and Captain Bemo, he did what commanding officers do when everyone else is working. Stand around and look smart!

Of course, during their free time, the crew would always get out the chess board!

The following game was played on the sixth day of the voyage. The submarine had crossed the Iron Sea, and searching the bottom, they found the tunnel that they sought. 1400 kilometres to go.

White	PENGUIN GWEN
Black	PENGUIN PENN

1. e4 e5
2. Nf3 Nc6
3. Bb5

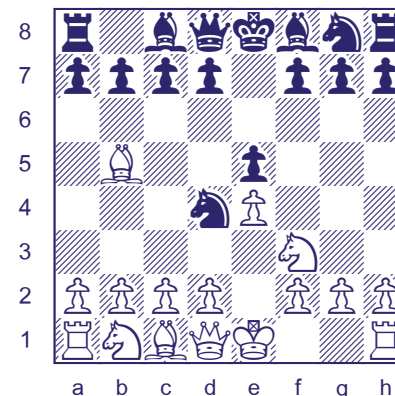


SPANISH GAME

The penguins learned this opening last year when the sub made a port call to the Canary Islands.



3. ... Nd4



BIRD DEFENCE

The birds didn't know it until Wrenchy told them, but this move is named after English chessmaster Henry Bird (1830-1908).

Black attacks the bishop at b5 and invites White to trade knights on d4.

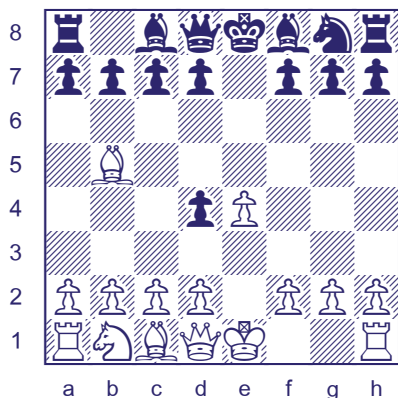
It looks weird, but it's not a bad defence.

4. Nxd4

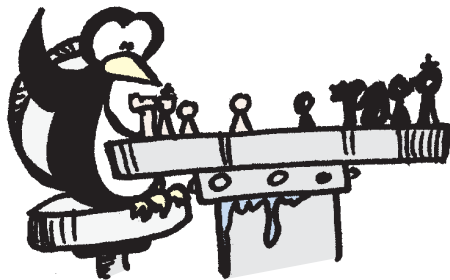
Here are the other options.

- 4.Ba4 Bc5 5.0-0 Qe7
 (or 5.Nxe5 Qe7)
 4.Bc4 Nxf3+ (or 4...Bc5!?)
 5.Nxe5? Qg5!)
 5.Qxf3 Nf6 6.0-0 d6
 4.Nc3 Nxb5 5.Nxb5 c6
 6.Nc3 d6 7.d4 Qc7
 4.Nxe5? Qe7! 5.f4 Nxb5
 (or 5.Nf3? Qxe4+)

4. . . . exd4



The black pawn on d4 is a thorn in the white position, keeping the knight from c3.



5. Bc4?!

Gwen takes aim at f7, but moving her bishop for the second time is not good strategy. Better was 5.0-0. Then Black could choose between:

- 5...Bc5 6.d3 c6
 7.Bc4 d6
 (or 7...d5 8.exd5 cxd5)
 7.Ba4 d6 8.Bb3 Ne7
 5...c6 6.Bc4 Nf6
 7.e5 d5!
 7.Re1 d6

5. . . . Nf6

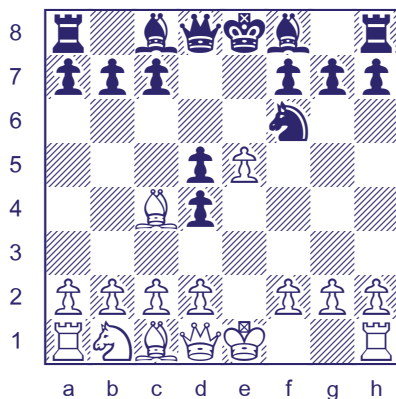
6. e5

Chasing the knight, hoping for 6...Ne4 7.Qe2! with an advantage for White.

A safer course is 6.d3 d5 and an equal game.

6. . . . d5!

Penn counterattacks.



7. Bb3

The bishop retreat is best. 7.exf6? dxc4 8.fxc7 Qe7+ 9.Qe2 Bxc7 is excellent for Black, and so is capturing *en passant* 7.exd6 Bxd6.

7. . . . Bg4?!

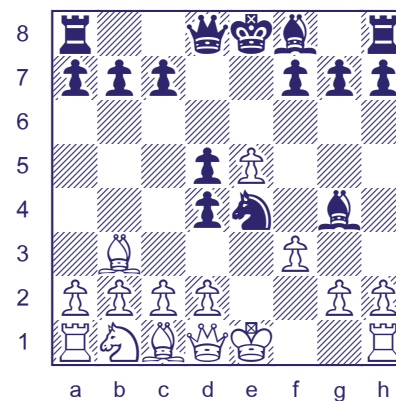
Very tricky, but ultimately a mistake, if Gwen finds the right moves. A less daring penguin would play 7...Ne4 with a level position.

8. f3

Nothing complicated here. It's the only way to save the queen. Now two black pieces are under attack by pawns. (8...Bf5? 9.exf6)

8. . . . Ne4!?

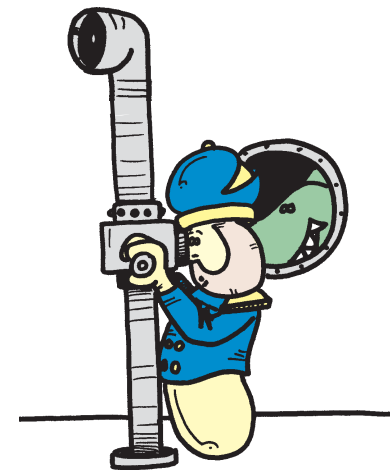
This is the trick! Another knight jumps unexpectedly into the centre.



9. 0-0!

Gwen finds the right move this turn. Everything else is good or winning for Penn.

- 9.g3 Bh5! 10.0-0 Nc5 =
 9.d3? Qh4+ 10.g3 Nxc3!
 (11.hxc3 Qxh1+ 12.Kd2 Qh2+ 13.Qe2 Qh6+! 14.Kd1 Qh1+ 15.Kd2 Bxf3 0-1)
 9.fxc4? Qh4+! 10.g3
 (10.Ke2 Qf2+ 11.Kd3 Nc5#) (10.Kf1 Qf2#)
 10...Nxc3 11.hxc3 Qxh1+ 12.Ke2 Qg2+! 13.Ke1
 (13.Kd3 Qe4#)
 13...Qxc3+ 14.Kf1
 (14.Ke2 Qg2+ 15.Ke1 Be7!)
 14...d3! 15.Qe1
 (15.cxd3 Bc5)
 15...Qh3+ 16.Kf2 Bc5+ 0-1



Gwen was feeling a little light-headed. But she didn't know why. Later in the day, Captain Bemo explained the reason. Here's what he said.

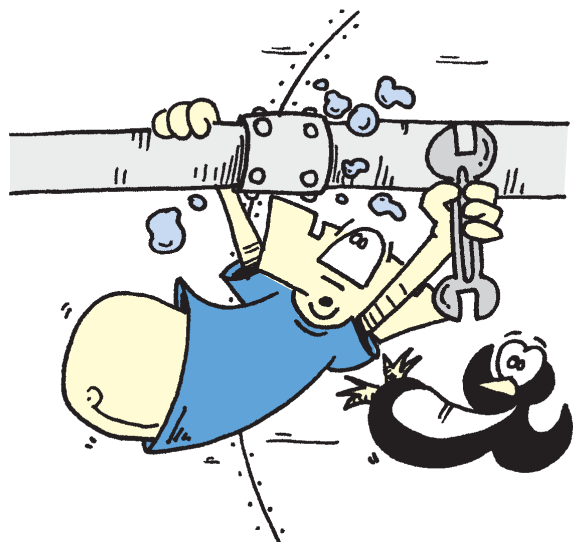
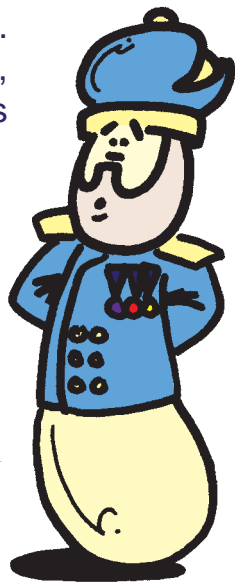
"Attention, mates. You probably noticed that gravity is changing as we go deeper into the Earth.

"That's because the mass of the planet is all around us, not just below. The force of gravity is pulling in different directions. The result is that we feel less heavy.

"And here is the amazing part. When we reach the very centre of the Earth, there will be equal gravity in every direction. We will become weightless!

"Our submarine will be like a spaceship in outer space. Everything that's not tied down will float in the air.

"I call this effect *zero-sum gravity*. It should be fun."



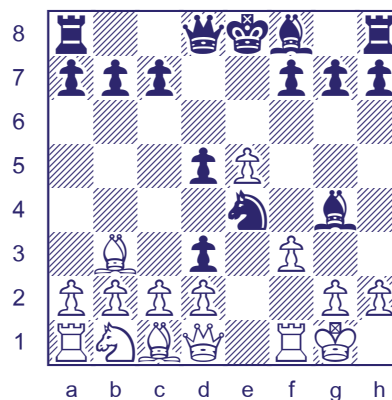
Being weightless is also quite handy. When an overhead pipe sprung a leak during the descent, Chief Wrenchy just floated up to fix it. He didn't even need a ladder.

Back at the game, things are heating up.

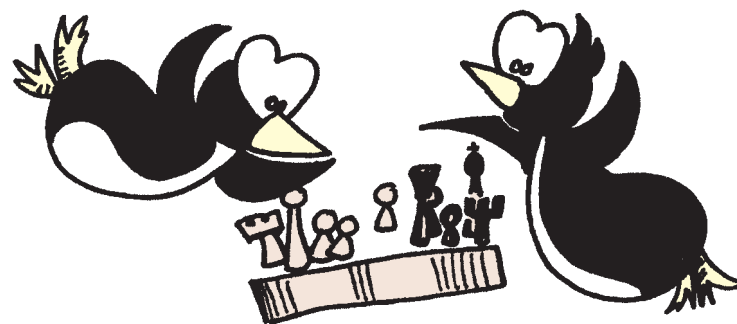
9. . . . d3!

Full speed ahead for Penn, opening the a7-g1 diagonal for a bishop check on c5.

White would win material after 9...Bh5? 10.g4.



Maybe it was pressure from the black pieces, maybe it was gravity, but Gwen lost her focus for a moment and let her big chance slip away. She thought it was safe to take the bishop.



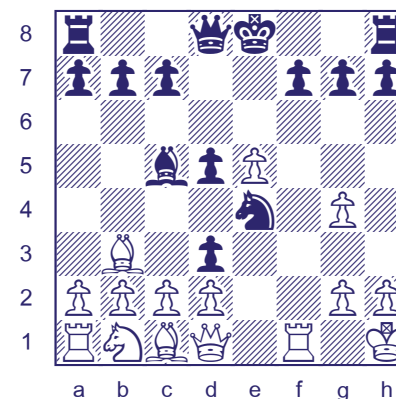
10. fxc4?

The right move was 10.Qe1! unpinning the f-pawn. Then the best that Black can do is 10...Bc5+ 11.Kh1 Nf2+ 12.Rxf2 Bxf2 13.Qxf2 Bf5. With two minor pieces for a rook, White would have a big advantage

10. . . . Bc5+

11. Kh1

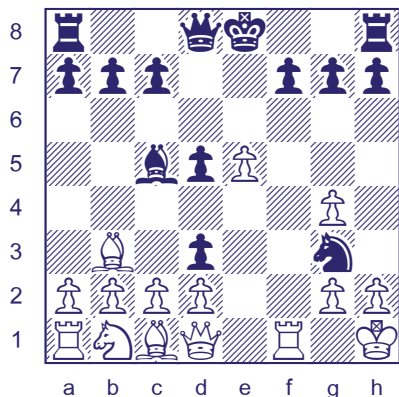
Now she expected the fork 11...Nf2+ when White can get a winning position by 12.Rxf2 Bxf2 13.cxd3.



But the Penn is mightier than the fork. He had seen deeper into the position.

11. ... Ng3+

Kapowey!!

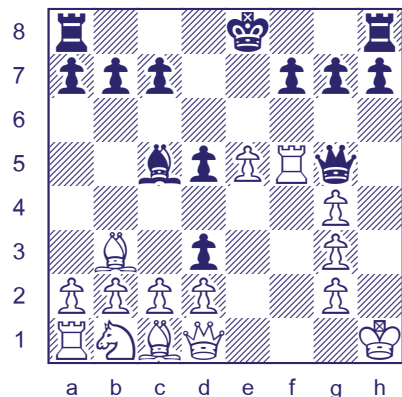


12. hxg3 Qg5!

White's king is going down. The threat is ...Qh6#.

13. Rf5

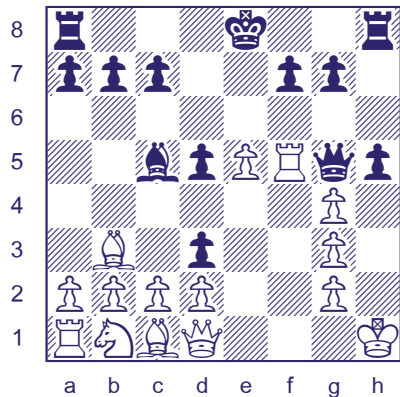
The rook attacks the queen and gets ready to go to the h-file (13...Qh6+? 14.Rh5).



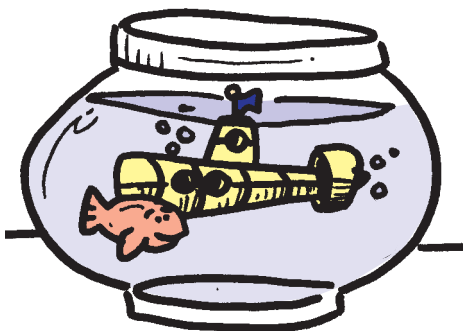
On the surface, it looks like White survived the attack. Do you agree?

13. ... h5

Shabam!!



Sacrificing the queen!



14. gxh5

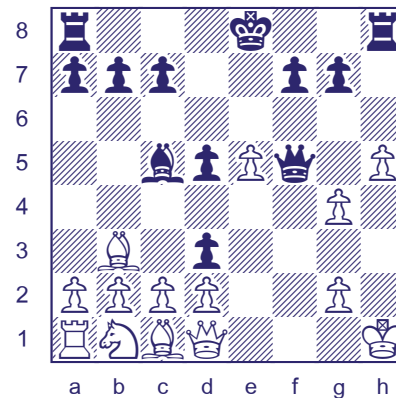
Gwen gives up her rook to stop a discovered check by ...hxg4#.

It's mate in 2 if the queen is captured. 14.Rxg5 hxg4+ 15.Rh5 Rxh5#

14. ... Qxf5

15. g4

Defending the pawn on h5, or so it seems.



15. ... Rxh5+!

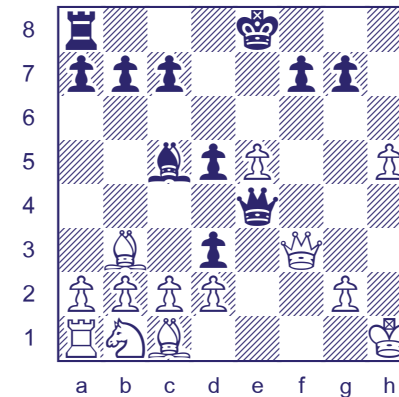
Penn sacks once again. A less flashy way to win is 15...Qf2 with threat ...Qh4#. For example, 16.g3 Qxg3 17.Qf1 Qh4+ 18.Kg2 Qxg4+ 19.Kh2 Rxh5+ 1-0

16. gxh5 Qe4!

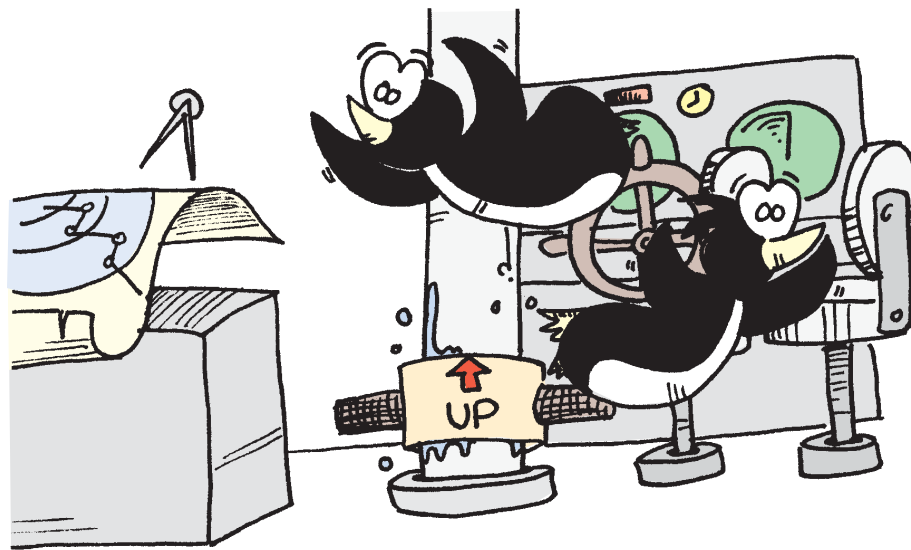
This penguin has an eagle eye for tactics. Do you think he saw this move when he played 11...Ng3+?

17. Qf3

White must stop ...Qh4#.

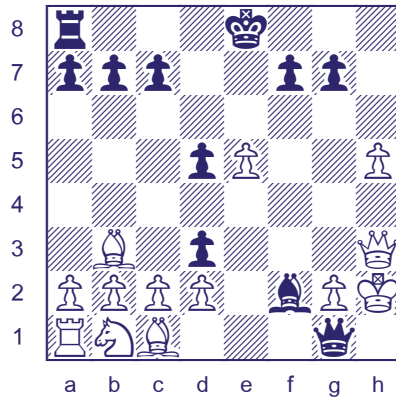


Black to Play
Mate in 5



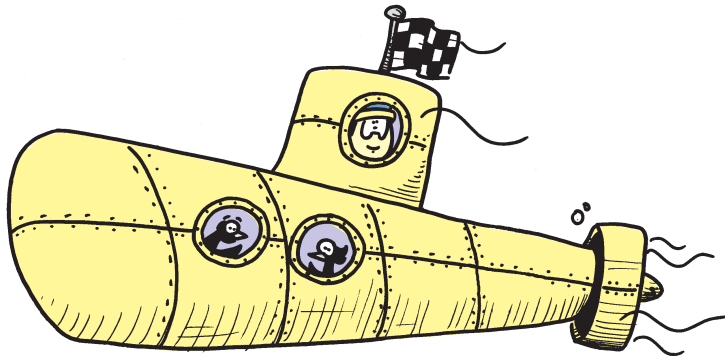
- 17. . . . Qh4+
- 18. Qh3 Qe1+
- 19. Kh2 Bg1+
- 20. Kh1 Bf2+
- 21. Kh2 Qg1#

“Nice game, Penn.”
 “Thanks, Gwen.”



When the submarine reached the centre of the Earth, Captain Bemo set about his scientific work, conducting experiments and taking measurements. After the tasks were completed, he gave the crew a day off from their duties so they could relax and enjoy being weightless.

The penguins were as happy as happy can be. With zero-sum gravity, these flightless birds could flap their wings like never before. They could fly!



But as they say, what goes down must come up. And so the submarine prepared for departure. The sonar had detected another tunnel leaving the centre, in the opposite direction they arrived from. Where did it lead? That was the question. That was the next adventure.

The captain gave the command, “Left standard rudder, come to course 180, all ahead two-thirds.”

MARCH BREAK CHESS CAMPS

TORONTO

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 701 Mt. Pleasant Rd.

MARCH 11 - 15

MONTREAL

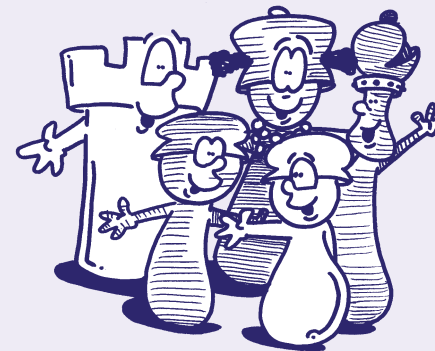
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 3423 St. Denis

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OTTAWA

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 429 Parkdale Ave.

MARCH 11 - 15



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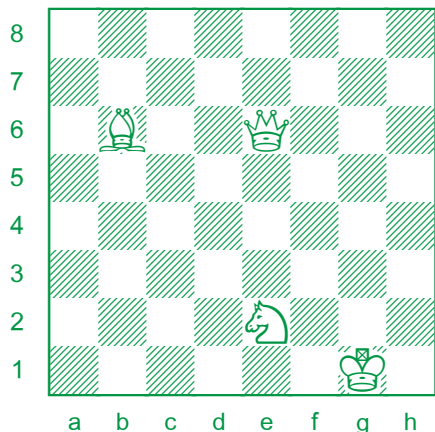
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Ottawa	613 565-3662

TRIPLE LOYD



Place the black king on the board so that:

- A. Black is in checkmate.
- B. Black is in stalemate.
- C. White has mate in 1.



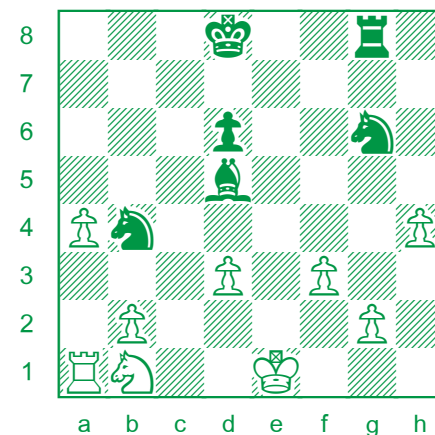
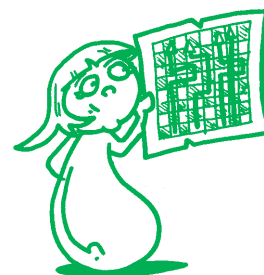
WCCC Under 10 Girls Champions

Spain 2018



Cheshire Cat. Time to think.

chess maze



ROOK MAZE IN 18

Only the white rook moves. Capture the black king in eighteen moves (or less) without taking any pieces or moving to a square where the rook can be taken. Black does not get a turn. *solution page 59*

2018 World Cadet Championships

Galicia, Spain November 3-15

851 players / 11 rounds

OPEN under 8 (135 players)

1 Chennareddy Yuvraj	USA 10½
2 Azadaliyev, Jahanda	Azerbaijan 9
3 Begmuratov Khumoyun	Uzbekistan 8½
68 Mane Arnav	Canada 5½
72 Jiang William	Canada 5½
96 Zuo Roger	Canada 4½
111 Wang Arthur	Canada 4

OPEN under 10 (205)

1 Jin Yueheng	China 9
2 Zhao Erick	USA 9
3 Chen Yining	China 8½
7 Atanasov Anthony	Canada 8
24 Xu Daniel	Canada 7½
31 Zhong Kevin	Canada 7
50 Chandra Anand	Canada 6½
52 Ning Eric	Canada 6½
86 Han Johnathan	Canada 6
116 Jiang Eric	Canada 5½
128 Yuen Noah	Canada 5
181 Wang Daniel	Canada 3½

OPEN under 12 (202)

1 Gukesh D	India 10
2 Murzin, Volodar	Russia 8½
3 Chasin Nico	USA 8½
41 Chen Max	Canada 6½
54 Kang Dorian	Canada 6½
95 Zhao Jeffrey	Canada 5½
100 Windram James	Canada 5½
105 Srinivas Atharva	Canada 5½
119 Rusonik Max	Canada 5
138 Guipi Bopala Prince	Canada 4½
173 Fedyushchenko Alex.	Canada 4

GIRLS under 8 (84)

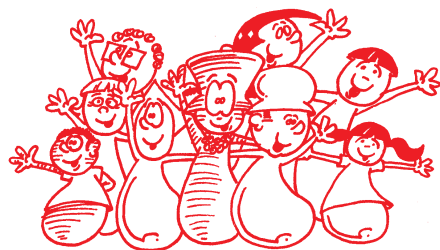
1 Zhao Yunqing	China 9½
2 Iudina Veronika	Russia 9
3 Qiao Evelyn	USA 8½
45 Chen Rae	Canada 5

GIRLS under 10 (119)

1 Edithso Samantha	Indonesia 9
2 Shvedova Alexandra	Russia 8½
3 Chen Yining	China 8½
41 Qu Greta	Canada 6
61 Mok Gillian	Canada 5½

GIRLS under 12 (107)

1 Savitha Shri	India 10
2 Omonova Umida	Uzbekistan 9½
3 Zavivaeva Emilia	Russia 8
65 Qian Jessica	Canada 5
90 Jiang Kate	Canada 3½



You can write to
Kiril the Pawn at:

kiril@chess-math.org

2018 World Youth Championships

Chalkidiki, Greece October 20-30

635 players / 11 rounds

OPEN under 14 (137 players)

1 Gines Esteo Pedro	Spain 9
2 Kacharava Nikoloz	Georgia 9
3 Nogerbek Kazybek	Kazakhstan 8
27 Vettese Nicholas	Canada 7

OPEN under 16 (120)

1 Sargsyan Shant	Armenia 9
2 Matviishen Viktor	Ukraine 8½
3 Petriashvili Nikoloz	Georgia 8
33 Talukdar Rohan	Canada 6½
103 Sivapathasundaram M.	Canada 4

OPEN under 18 (98)

1 Gazik Viktor	Slovakia 8½
2 Janik Igor	Poland 8
3 Gumularz Szymon	Poland 8
66 Zhu Brandon	Canada 3½
90 Bremner William	Canada 3½

GIRLS under 14 (107)

1 Ning Kaiyu	China 9
2 Song Yuxin	China 8½
3 Divya Deshmukh	India 8½
78 He Emma	Canada 4½
84 Guo Hazel	Canada 4½
86 Wang Isabelle	Canada 4½

GIRLS under 16 (90)

1 Muetsch Annmarie	Germany 8½
2 Kucharska Honorata	Poland 8½
3 Sanskriti Goyal	India 8
25 Ouellet Maili-Jade	Canada 6½

GIRLS under 18 (83)

1 Shuvalova Polina	Russia 10
2 Obolentseva Alexandra	Russia 8
3 Injac Teodora	Serbia 8
58 Li Yilin	Canada 5
77 Yu Cindy	Canada 4

TOP CANADA grade K-6

1 Kevin Zhong	2315	QC
2 Richard Zheng	2144	QC
3 Daniel Xu	2131	ON
4 Anand Chandra	2082	AB
5 Anthony Atanasov	2180	ON
6 Max Chen	2101	ON
7 Eric Ning	2034	ON
8 Prince Guipi Bopala	1869	QC
9 Jeffrey Zhao	1862	ON
10 Daniel Wang	1760	BC



ONTARIO TOP TEN

KINDERGARTEN

1 YANG Jayden	502
2 ISKANDER Diyas	440
3 CHEN Tymon	405
4 ZHANG Athena	296
5 LIU Youyuan	293
6 LITVINSEV Samson	288
7 AHN-CLIFFORD Osher	286
8 LADAK Caleb	273
9 LIU Chris	272
10 LEE Mason	266

GRADE 1

1 HUANG Justin	864
2 GAO Heye	745
3 SHAR Timur	738
4 GUBCEAC Tim	688
5 NAIBOGLU Onur	686
6 WANG William	667
7 TSO Justin	615
8 DUIC Matthew	615
9 LI Tristan	610
10 PURI Ryan	602

GRADE 2

1 ZHONG Ryan	1140
2 O'MALLEY Patrick	948
3 LIU Zi	940
4 DUANMU Isaac	882
5 WANG Arthur	849
6 ZHU Jeremy	847
7 NG Kai	840
8 GHAZARIAN Haik	818
9 CHEN Rae	750
10 LIU Lawrence	745

GRADE 3

1 TSENG Bradley	1206
2 LAU Joshua	1154
3 GUO Richard	1138
4 MANE Arnav	1064
5 PUGACH Daniel	1057
6 GAO Sean	968
7 LAU Jayden	940
8 FENG Benjamin	931
9 YAO Henry	925
10 CHEN Alina	897

GRADE 4

1 QU Greta	1526
2 HAN Johnathan	1348
3 GAO Lucy	1308
4 WANG Nathan	1292
5 XIE Daniel	1259
6 LI Gabriel	1200
7 LUO Albert	1187
8 ZHUANG Winnie	1166
9 SHI Michael	1135
10 ZHU Austin	1119

GRADE 5

1 ATANASOV Anthony	2180
2 XU Daniel	2131
3 NING Eric	2034
4 LI Adam	1488
5 COAT Sven	1442
6 QIU James	1440
7 WANG Kaison	1430
8 RUCHINSKAYA Valerie	1284
9 HUANG Richard	1283
10 LIU Aaron	1265

GRADE 6

1 CHEN Max	2101
2 ZHAO Jeffrey	1862
3 HUANG Youhe	1723
4 LIU Henry	1556
5 ZHU Matthew	1532
6 GULEC Andrew	1494
7 GHAZARIAN Tigran	1493
8 ZHANG Henry	1481
9 SHAPIRO Idan	1399
10 LIN Angela	1382

GRADE 7

1 ISSANI Nameer	2224
2 KANG Dorian	2135
3 NOOR ALI Aahil	1967
4 RUSONIK Max	1952
5 JEYAKUMAR Bhavatharshan	1661
6 GAO Raymond	1642
7 JACOBS Michael	1604
8 SRINIVAS Atharva	1580
9 SHEN Isamel	1449
10 PLOTKIN Julia	1434

GRADE 8

1 ZHAO Jeffrey	1942
2 ENGLAND Max	1942
3 ZHAO Jonathan	1647
4 WANG Michael	1520
5 LI Wing Xiaolong	1512
6 CHEN Hao	1479
7 MO Aidan	1475
8 CHEN Harry	1452
9 WU Nicholas	1412
10 WANG Eric	1385

GRADE 9

1 VETTESE Nicholas	2414
2 LIN Benjamin	2126
3 PAPNEJA Arul	1876
4 MIRABELLI Aidan	1721
5 LI Alan	1687
6 RAZIMAN Ruven	1645
7 AKOPHYAN Nick	1590
8 YANG Fan	1589
9 WASHIMKAR Arhant	1584
10 ZHANG Brighton	1570

GRADE 10

1 HUA Eugene	2451
2 TALUKDAR Rohan	2383
3 DEMCHENKO Svitlana	2329
4 NORITSYN Sergey	2294
5 ZHANG Henry	2221
6 SURYA Benito	2162
7 GAISINSKY Adam	2019
8 LIU Daniel	1978
9 FENG Richard	1970
10 MING Wenyang	1888

GRADE 11

1 LIANG Hairan	2353
2 CAI Jason	2289
3 LI William	2271
4 LIU Lambert	2228
5 FAN Run Kun	2136
6 YIE Kevin	2113
7 LI Eric	1874
8 ZHAO Yue Tong	1846
9 PENG Sarah	1755
10 XUE Andrew	1682

GRADE 12

1 CHEN Richard	2527
2 ZHANG Yuan Chen	2364
3 WAN Kevin	2356
4 ZHAO Harry	2252
5 ZOTKIN Daniel	2240
6 XU Jeffrey	2221
7 BALENDRA Harigaran	2093
8 SHAMRONI Dennis	2012
9 SHEN Chris	2008
10 NGUYEN Duy Thien An	1682

HONOUR ROLL

1 CHEN Richard	2527
2 HUA Eugene	2451
3 VETTESE Nicholas	2414
4 TALUKDAR Rohan	2383
5 ZHANG Yuan Chen	2364
6 WAN Kevin	2356
7 LIANG Hairan	2353
8 DEMCHENKO Svitlana	2329
9 NORITSYN Sergey	2294
10 CAI Jason	2289

QUEBEC TOP TEN

GRADE 1 / KINDERGARTEN*

1 IVANOV-YUAN Maksim	702
2 TSUKERMAN Leon *	662
3 LOPEZ Alejandro	608
4 SCORTEANU Victor	596
5 JUTRAS Arnaud	593
6 ADAM Gabriel	581
7 JIANG Sicheng	560
8 TANG-HAN Sean	532
9 PICHETTE Leo *	500
10 BAI Noah	499

GRADE 2

1 GUILLEMETTE Hugo	1075
2 DUVAL Mathieu	1015
3 WANG Edouard	1015
4 QIN Weixuan	983
5 WANG Leo	979
6 HU Richard	914
7 LOU Aaron	898
8 ZHOU Xiaoran	869
9 DELAGE GODARD Felix	814
10 BERTOMEU Rolf	773

GRADE 3

1 LIU Lucas	1148
2 GEORGESCU-NICOLAU Luca	1061
3 XIE Fei	1056
4 CHEN Chen	1019
5 RAMAMONJISOA Nikita	1015
6 IORDANESCU Victor	986
7 ZHANG Michael	908
8 DING Michel	902
9 YIN Eric	892
10 RAHMANI Ryan	850

GRADE 4

1 YAN Alex	1500
2 LI James	1292
3 HARIHARA Vikrant	1217
4 LIU Eric	1193
5 JIANG Barron	1171
6 HUARD Mattheo	1137
7 MA Lily	1096
8 FOURNIER William	1062
9 DUFRESNE Christophe	1040
10 ZHANG Kevin	1032

GRADE 5

1 ZHONG Kevin	2315
2 CHANG Alexander	1526
3 CHAPDELAIN Gwyn	1500
4 HU Raymond	1353
5 LATORRE Vincent	1339
6 BOCAN Richard	1288
7 ADAM Rafael	1286
8 LI Ze Yue	1265
9 BELIVEAU Mathieu	1264
10 RAMAMONJISOA Sacha	1237

GRADE 6

1 ZHENG Richard	2144
2 GUIPI BOPALA Prince	1869
3 ZHANG Chu Hang	1693
4 LIU Kevin	1558
5 NAVALA Anthony	1435
6 CAO Edgar	1324
7 LI Zhongxuan	1320
8 WANG Rachel	1279
9 OREJUELA LIU Daniel	1225
10 LIM Nicolas	1214

ROOKIE ROLL top K-6

1 ZHONG Kevin	2315
2 ZHENG Richard	2144
3 GUIPI BOPALA Prince	1869
4 ZHANG Chu Hang	1693
5 LIU Kevin	1558
6 CHANG Alexander	1526
7 CHAPDELAIN Gwyn	1500
8 YAN Alex	1500
9 NAVALA Anthony	1435
10 HU Raymond	1353

GRADE 7

1 CRACIUN David	1697
2 OMICHI Haruaki	1580
3 TSUKERMAN Julia	1461
4 ZHONG Ziyi	1355
5 WEI Hunter	1333
6 LEI Storm	1330
7 GONZALEZ Tristan	1325
8 FARAHDEL Anahita	1269
9 HE Yu Xi	1256
10 HE Jiaqi	1249

GRADE 8

1 HUANG Qiuyu	2451
2 TANAKA Tyler	2276
3 RICHARD Leo	1811
4 YU Daniel	1620
5 LAROCHE Hugo	1438
6 WANG Isabelle	1403
7 BERCUVITZ Tani	1394
8 HALL Arturo	1357
9 LIU Owen	1330
10 RASMUSSEN Nicolas	1326

GRADE 9

1 RODRIGUE-LEMIEUX Shawn	2590
2 DURETTE Francis	2214
3 ZHONG Wenxuan	2007
4 YU Xi Ming	1633
5 DEMERS Alexis	1592
6 LIU Robert	1422
7 ZHOU David	1366
8 WANG Caroline	1334
9 MAI William	1320
10 ZUO Dustin	1319

GRADE 10

1 TINICA Gabriel	1896
2 GUAN Zi Yu	1608
3 LAI William	1564
4 YANG Muyuan	1525
5 ZHAO William	1512
6 TSYPIN Allison	1495
7 ROUILLON Maxime	1292
8 YU Alec	1284
9 LIU Julia	1253
10 CAI Susan	1244

GRADE 11

1 QUELLET Maili-Jade	2409
2 LI Eric	1880
3 ZHANG Hou Han	1728
4 TURGEON Yoakim	1644
5 LUO Muhan	1423
6 LU Daisy	1420
7 LU Jasmine	1420
8 LI Yi Zhou	1412
9 KIRYAKOV Marin	1410
10 SHEN Xin Cheng	1330

GRADE 12

1 SAHA Ananda	2265
2 JOHNSON-CONSTANTIN Matthieu	2044
3 LI Yi Lin	2036
4 SAINE Zachary	1837
5 ZHANG Evan	1750
6 YANG Eddie	1739
7 ST-CYR Xavier	1607
8 SUN Benjamin	1522
9 HUANG Junhao	1488
10 AUDET Olivier	1455

HONOUR ROLL

1 RODRIGUE-LEMIEUX Shawn	2590
2 HUANG Qiuyu	2451
3 QUELLET Maili-Jade	2409
4 ZHONG Kevin	2315
5 TANAKA Tyler	2276
6 SAHA Ananda	2265
7 DURETTE Francis	2214
8 ZHENG Richard	2144
9 JOHNSON-CONSTANTIN Matthieu	2044
10 LI Yi Lin	2036

ATLANTIC TOP TEN

GRADE 1

1 CHEN Jason	634	NS
2 MARCHAND Calix	627	NS
3 PITTMAN Luke	502	NF
4 JUSTASON Magnus	441	NB
5 EYRES Alex	429	NB
6 RIGGS Ethan	387	NF
7 MING Eric	382	PE
8 WILBAND Blake	364	NB
9 RICHARD Marc-Olivier	363	NB
10 KO Yurim	362	NS

GRADE 2

1 MORRISON Oskar	850	NS
2 GOWDA Ankush	575	PE
3 MCKIM Satya	552	NF
4 LIU Darrin	491	NB
5 BEVAN Cruz	489	PE
6 HUANG Tony	472	NB
7 FENG Simon	466	PE
8 LEBEL Loik	458	NB
9 TIWANA Sarghi	456	PE
10 GRANT Zoe	443	NS

GRADE 3

1 LEBLANC Zachary	852	NB
2 QIU Max	819	PE
3 MEANEY Luke	676	NS
4 LEBLANC Xavier	658	NB
5 WANG Sam	653	PE
6 REDWOOD Luke	643	NS
7 GREY William	618	NF
8 BOYCE Rigden	600	NS
9 XIE Linke	591	NB
10 MITTAL Rachit	590	NS

GRADE 4

1 LIANG Leon	1129	PE
2 WANG Andy	995	NS
3 ZHANG Brian	935	NS
4 KOMIAK Jacob	839	NF
5 YANG Bella	804	PE
6 YAN Cindy	774	PE
7 DAIGLE Xavier	772	NB
8 JANES Millie	766	NF
9 GAO Richard	764	PE
10 MALLAIS Julien	678	NB

GRADE 5

1 YAO Michael	950	PE
2 SALAH Alan	918	NF
3 SHAFI Omar	884	NS
4 SHEPPARD Jacob	881	NF
5 WINFIELD Jordan	839	NS
6 NIKMARAM Ryan	793	NB
7 RUSANOVSKIY George	778	NS
8 JIJO Johan	774	PE
9 ALLEN Jack	758	NB
10 NGUYEN Henry	730	PE

GRADE 6

1 SULLIVAN Madoc	1486	NS
2 FANG Evan	1134	NF
3 PAN Thomas	987	NF
4 DICKIE Luke	979	PE
5 FARHAT Taim	972	NS
6 MCINTYRE Duncan	952	PE
7 FARQUHAR Allister	893	NS
8 DUMITRU Mara	850	NS
9 ANWAR Muhammad	825	NF
10 SELLAL Mohamed	822	NB

ROOKIE ROLL top K-6

1 SULLIVAN Madoc	1486	NS
2 FANG Evan	1134	NF
3 LIANG Leon	1129	PE
4 WANG Andy	995	NS
5 PAN Thomas	987	NF
6 DICKIE Luke	979	PE
7 FARHAT Taim	972	NS
8 MCINTYRE Duncan	952	PE
9 YAO Michael	950	PE
10 ZHANG Brian	935	NS

GRADE 7

1 BHATT Tanish	1222	NF
2 MACEACHERN Seamus	1199	PE
3 DENG Tommy	1043	NS
4 XING Leon	1041	PE
5 VELJANOVSKI Kiro	1029	NB
6 KAPADIA Arnav	1025	NS
7 CHRISTIANSEN Asher	975	NS
8 BROCKERVILLE Jacob	968	NF
9 VERMA Jacol	945	PE
10 FELTER-GONEN Yaron	930	NB

GRADE 8

1 WU Tony	1826	PE
2 KAPRA Jerjis	1394	NS
3 RUSSELL Mark	1364	NF
4 LEBLANC Alexandre X.	1360	NB
5 GAO Jiarui	1332	NS
6 DORMODY Peter	1241	NF
7 ZENG Fanrui	1198	NS
8 LOTY Ezekiel	1164	NS
9 TIBBO Jacob	1034	NB
10 WEI Ronnie	1025	PE

GRADE 9

1 KUNDU Arnab	1357	PE
2 BLANCHETTE Luc	1183	NB
3 CHEN Norman	1145	NF
4 BABCOCK Simon	1091	NS
5 BROWN Callum	1082	NS
6 WALSH Ian	1047	NF
7 FARHAT Zein	1008	NS
8 DOUCETTE Luc	1005	PE
9 HEFFERTON Harrison	993	NF
10 MORSE Caleb	954	NB

GRADE 10

1 DORNIEDEN Jonas	1574	NS
2 CUI Cynthia	1460	NB
3 RUSSELL Brett	1418	NF
4 NAKAYASU Rikuto	1311	NS
5 MCCALLUM Karla Lynn	1195	PE
6 LAZAREV Shon	1191	NB
7 CAPELLO Jordan	1187	NB
8 LI Kevin	1103	NS
9 LOTY Eric	1092	NS
10 BURTON Jacob	1040	NF

GRADE 11

1 MERRIGAN Daley	1954	NF
2 HUANG Xingbo	1540	NF
3 CUI Leonardo	1493	NB
4 MITTAL Ridhi	1326	NS
5 CHANDRAKANTH Nandan	1276	NF
6 ROOKARD Kalen	1249	NS
7 GOSSE Daniel	1201	NF
8 DUMITRU Robert	1138	NS
9 SUN Tyler	1115	NB
10 NGUYEN Quang	1095	NB

GRADE 12

1 PICKARD Ryan	1566	NF
2 CHISLETT Benjamin	1511	NF
3 DORRANCE Lucas	1471	NS
4 YEOMANS Ben	1411	NB
5 BOON-PETERSEN Stefan	1405	NF
6 NAIDAPPUWA WADUGE Dulhan	1387	NS
7 TRAN Quoc	1218	NS
8 HELDT Nils	1208	NS
9 CHOWDHURY SoumyaDeep	1161	PE
10 LOCKE Miles	1132	NF

HONOUR ROLL

1 MERRIGAN Daley	1954	NF
2 WU Tony	1826	PE
3 DORNIEDEN Jonas	1574	NS
4 PICKARD Ryan	1566	NF
5 HUANG Xingbo	1540	NF
6 CHISLETT Benjamin	1511	NF
7 CUI Leonardo	1493	NB
8 SULLIVAN Madoc	1486	NS
9 DORRANCE Lucas	1471	NS
10 CUI Cynthia	1460	NB

WESTERN TOP TEN

GRADE 1

1 WU Nicholas	930	BC
2 YE Oliver	784	BC
3 NGUYEN An	735	BC
4 JIN Linus	710	AB
5 YANG Nathan	708	BC
6 KIM George	656	AB
7 JIANG Aaron	628	BC
8 PERLA Manny	571	AB
9 SONG Ian	557	BC
10 LI Jacob	557	AB

GRADE 2

1 QU Jayden	1093	BC
2 GAO Justin	1049	BC
3 IVANESCU Matthew	1009	AB
4 GOLCHIN Ryan	999	BC
5 WANG Alan	973	BC
6 TIAN Eliza	929	BC
7 SORGARD William	907	SK
8 MOK Erwin	830	BC
9 TANG Scott	808	AB
10 LU Aiden	793	BC

GRADE 3

1 BOROOMAND AryaCyrus	1102	BC
2 KOFMANSKY Matthew	987	BC
3 GUO BiaoBiao Boyong	981	BC
4 YU Ryanbole	929	BC
5 MING Jerry	898	AB
6 EISENBERG Colette	854	BC
7 LI Tony	816	BC
8 MURALLIDARAN Arthithan	809	AB
9 POMPAS Codrin	787	BC
10 MIAO Eric	784	BC

GRADE 4

1 YANG Ryan	1512	BC
2 SONG Ethan	1494	BC
3 JIN Alexander	1280	BC
4 LIN Leo	1213	SK
5 ZOU Alex	1139	BC
6 DARVEKAR Yash	1100	AB
7 HUANG Winston	1066	BC
8 SCHWARTZ Elazar	1027	MB
9 LIU Jiaqi	1018	BC
10 GULIYEV Nadir	1002	BC

GRADE 5

1 CHANDRA Anand	2082	AB
2 WANG Daniel	1760	BC
3 WU Nathan	1490	BC
4 JIANG Eric	1471	BC
5 LEE Woosung	1412	BC
6 MOK Gillian	1410	BC
7 PICHE Zachary	1319	MB
8 OFFENGENDEN Ron	1298	AB
9 YU Sophia	1263	BC
10 JIN Eric	1205	AB

GRADE 6

1 SRINIVASAN Hemant	1506	AB
2 RIQUELME Martin	1460	MB
3 XU Andrew	1460	BC
4 SHARMA Vishruth	1341	AB
5 PRASANNA Shreyas	1292	AB
6 EISENBERG Lucas	1291	BC
7 LIANG Eugene	1256	BC
8 HE Matthew	1238	BC
9 ZHANG Dustin	1231	AB
10 JIANG Kate	1230	BC

ROOKIE ROLL top K-6

1 CHANDRA Anand	2082	AB
2 WANG Daniel	1760	BC
3 YANG Ryan	1512	BC
4 SRINIVASAN Hemant	1506	AB
5 SONG Ethan	1494	BC
6 WU Nathan	1490	BC
7 JIANG Eric	1471	BC
8 RIQUELME Martin	1460	MB
9 XU Andrew	1460	BC
10 LEE Woosung	1412	BC

GRADE 7

1 GU Chuyang	1708	BC
2 WU Lucian	1597	BC
3 WANG Paul	1588	AB
4 ZHOU Aiden	1584	BC
5 WINDRAM James	1561	AB
6 HUANG Ryan	1485	BC
7 BRAVO Erik	1471	BC
8 IVANESCU Mark	1445	AB
9 TAN Brendan	1410	AB
10 SPASOJEVIC Luka	1402	BC

GRADE 8

1 DOKNJAS Neil	2071	BC
2 TIAN Sherry	1980	BC
3 HUANG Patrick	1922	BC
4 LOW Kevin	1905	BC
5 SUPERCEANU Andi	1663	AB
6 RUSSO Max	1539	MB
7 LAU Julian	1523	AB
8 JAMES Rowan	1523	BC
9 RIQUELME Nicolas	1509	MB
10 YANG Henry	1456	BC

GRADE 9

1 HEMSTAPAT Andrew	2370	BC
2 ZHAO Ian	2264	AB
3 QU Leo	1882	BC
4 ZHENG Victor	1796	BC
5 DU Daniel	1662	BC
6 LUU Chris	1590	BC
7 GUO Jim	1528	BC
8 MAH Sean	1514	AB
9 SASATA Alexander	1496	SK
10 WAN Justin	1401	BC

GRADE 10

1 PULFER Luke	1900	BC
2 VASIC Maxim	1844	AB
3 RICHARDSON Kai	1822	BC
4 YANG Brian	1810	BC
5 LOW Ethan	1759	BC
6 WANG Kaixin	1757	AB
7 CHUNG Alec	1712	BC
8 WEI Daniel	1518	SK
9 LIN Kaining	1495	AB
10 RENY Alex	1445	BC

GRADE 11

1 DOKNJAS Joshua	2367	BC
2 WOLCHOCK Theo	2168	MB
3 MA Derek	2125	MB
4 LEHINGRAT Callum	2006	BC
5 LEONG Ryan	1947	BC
6 RANINGA Aditya	1940	AB
7 GROSSMANN Lenard	1912	AB
8 SU Michael	1828	BC
9 YAO David	1813	AB
10 BOTEZ Andrea	1686	BC

GRADE 12

1 GEDAJLOVIC Max	2338	BC
2 HIEBERT Kenji	2130	BC
3 SCHNABEL Bennett	2094	BC
4 BREMNER William	1955	BC
5 LI Kevin	1763	BC
6 ZHENG Maven	1751	BC
7 GENG Matthew	1694	BC
8 WU Chenxi	1577	AB
9 CHAO Lucy	1544	AB
10 TOLENTINO Andre	1539	AB

HONOUR ROLL

1 HEMSTAPAT Andrew	2370	BC
2 DOKNJAS Joshua	2367	BC
3 GEDAJLOVIC Max	2338	BC
4 ZHAO Ian	2264	AB
5 WOLCHOCK Theo	2168	MB
6 HIEBERT Kenji	2130	BC
7 MA Derek	2125	MB
8 SCHNABEL Bennett	2094	BC
9 CHANDRA Anand	2082	AB
10 DOKNJAS Neil	2071	BC

RATINGS

Scholastic ratings for all players who have taken part in a CMA tournament during the last three years can be found on the *Chess'n Math Association* webpage:

www.chess-math.org

Click the "ratings" tab on the homepage, which will take you to the *ratings page*:

www.chess-math.org/ratings

Once on the *ratings page*, with Kiril and the map of Canada, you can search ratings by name, province, age, or grade! You can also find a list of recently rated tournaments under the *tournaments* tab. Click on the event ID number to see the crosstable.

For information on how to rate your tournaments:

www.chess-math.org/how-have-your-tournaments-rated

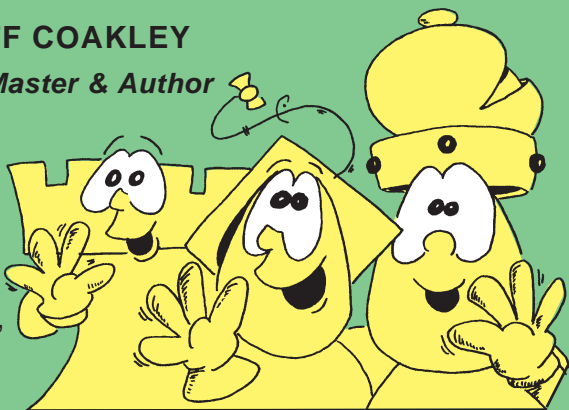
WINNING CHESS *For Kids*

homepage of **JEFF COAKLEY**

Canadian Chess Master & Author

Information on **Winning Chess For Kids** series:

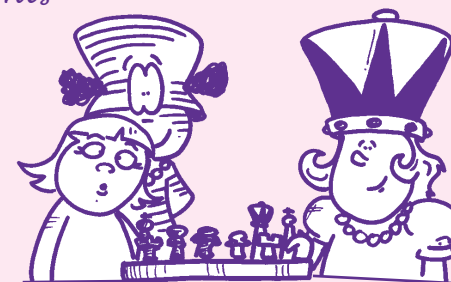
Book Descriptions,
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Announcements.



www.coakleychess.com

Frizoon LePaww presents

TOP GIRLS CANADA



GRADE 1

1	NGUYEN An	735	BC
2	JIN Linus	710	AB
3	PURI Ryan	602	ON
4	SORGARD Lydia	498	SK
5	DOROSHENKO Sophia	442	BC

GRADE 2

1	LIU Zi	940	ON
2	TIAN Eliza	929	BC
3	CHEN Rae	750	ON
4	MYRZAIBRAIMOVA Alia	729	MB
5	GUAN Marie	665	ON

GRADE 3

1	LAU Jayden	940	ON
2	CHEN Alina	897	ON
3	EISENBERG Colette	854	BC
4	LING Kathryn	779	ON
5	INOZEMTSEVA Milana	760	ON

GRADE 4

1	QU Greta	1526	ON
2	GAO Lucy	1308	ON
3	ZHUANG Winnie	1166	ON
4	MA Lily	1096	QC
5	GUO Rainyee	1047	ON

GRADE 5

1	MOK Gillian	1410	BC
2	RUCHINSKAYA Valerie	1284	ON
3	ZHONG April	1263	ON
4	YU Sophia	1263	BC
5	LI Julia	1243	ON

GRADE 6

1	LIN Angela	1382	ON
2	WANG Rachel	1279	QC
3	JAIN Ankita	1261	ON
4	JIANG Kate	1230	BC
5	KELKAR Ishaan	1212	ON

👑 PRINCESS PARADE

1	QU Greta	1526	ON
2	MOK Gillian	1410	BC
3	LIN Angela	1382	ON
4	GAO Lucy	1308	ON
5	RUCHINSKAYA Valerie	1284	ON
6	WANG Rachel	1279	QC
7	ZHONG April	1263	ON
8	YU Sophia	1263	BC
9	JAIN Ankita	1261	ON
10	LI Julia	1243	ON

GRADE 7

1	TSUKERMAN Julia	1461	QC
2	SHEN Isamel	1449	ON
3	PLOTKIN Julia	1434	ON
4	GILANI Mysha	1395	ON
5	VELLANKI Naga	1375	ON

GRADE 8

1	TIAN Sherry	1980	BC
2	WANG Isabelle	1403	QC
3	GUO Hazel	1312	ON
4	VAN Anna	1291	BC
5	WU Ingrid	1285	ON

GRADE 9

1	HE Emma	1493	ON
2	WANG Caroline	1334	QC
3	TAN Kylie	1301	ON
4	MATTINA Abby	1259	ON
5	CHERTKOW Sasha	1205	ON

GRADE 10

1	DEMCHENKO Svitlana	2329	ON
2	QIAO Cindy	1829	ON
3	TSYPIN Allison	1495	QC
4	CUI Cynthia	1460	NB
5	ZHANG Taylor	1362	ON

GRADE 11

1	OUELLET Maili-Jade	2409	QC
2	PENG Sarah	1755	ON
3	BOTEZ Andrea	1686	BC
4	CAO Lucy	1536	AB
5	YU Rinna	1520	BC

GRADE 12

1	LI Yi Lin	2036	QC
2	WANG Constance	1570	ON
3	CHAO Lucy	1544	AB
4	LIU Dora	1527	ON
5	ZHU Jianrong	1499	ON

👑 CANADIAN QUEENS

1	OUELLET Maili-Jade	2409	QC
2	DEMCHENKO Svitlana	2329	ON
3	LI Yi Lin	2036	QC
4	TIAN Sherry	1980	BC
5	QIAO Cindy	1829	ON
6	PENG Sarah	1755	ON
7	BOTEZ Andrea	1686	BC
8	WANG Constance	1570	ON
9	CHAO Lucy	1544	AB
10	CAO Lucy	1536	AB

CANADIAN CHESS CHALLENGE



2019 National Scholastic Championship

The Chess'n Math Association, Canada's national scholastic chess organization, is proud to announce the 31st annual Canadian Chess Challenge. We hope that you and your friends can take part this year.

The competition is played in three stages: regional, provincial, and national. The finals will take place on Victoria Day weekend in Vancouver, British Columbia.

For information on how to enter the Canadian Chess Challenge, contact your provincial coordinator.

Alberta

Leah Hughey
(780) 807-1317

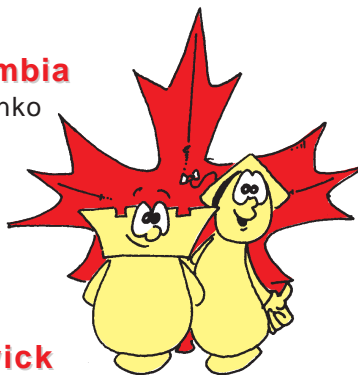
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(514) 845-8352

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Simon Li
(306) 924-5881



TOURNAMENTS FOR KIDS

TORONTO

Chess'n Math 416 488-5506

Marshall McLuhan School
1107 Avenue Rd.

December 16

January 20 ON CC qualifier

February 10 Grand Prix

March 3 ON CC qualifier

April 7 ON CC qualifier

MONTREAL

Chess'n Math 514 845-8352

Loisir St-Henri
530 du Couvent

January 20 Grand Prix

February 24 QC CC qualifier

Université Concordia
1455 Blvd. de Maisonneuve W.

April 7 QC CC qualifier

April 7 girls championship qualifier

OTTAWA

Chess'n Math 613 565-3662

Jim Durrell Centre
1265 Walkely Rd.

January 20 ON CC qualifier

February 10 Grand Prix

March 17 ON CC qualifier

March 31 Grand Prix

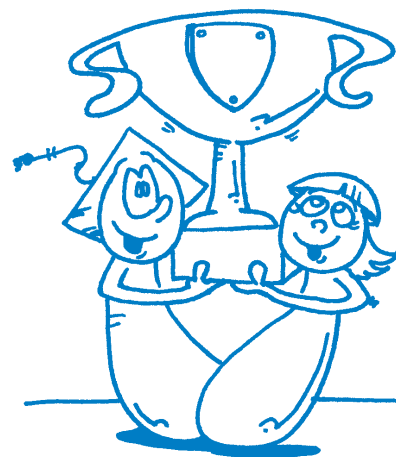
MONTREAL TEAM TOURNAMENT

College Jean-de-Brebeuf

March 30 K-3, grade 7-11

March 31 K-6

4 players from same school
3 sections by grade



Quebec Chess Challenge QUALIFIERS

Montreal	January 13
Gatineau	January 20
Montreal West	January 27
Montreal East	February 3
Outremont	February 10
Brossard	February 10
Levis	February 24
Gatineau	February 24
Montreal	February 24
Verdun	March 10
Montreal	March 24

See CMA website for details.

Chess'n Math Association www.chess-math.org

For tournaments and other chess events in your area, visit these websites or contact your local organizer.

BRITISH COLUMBIA

Victoria

Victoria Junior Chess Society
victoriajuniorchess.pbworks.com

Brian Raymer
braymer@telus.net

Vancouver

Vancouver Chess School
vanchess.ca

Maxim Doroshenko
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ALBERTA

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Roving Chess Nuts
rovingchessnuts.com

Bruce Thomas
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PRINCE EDWARD ISLAND

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NEWFOUNDLAND

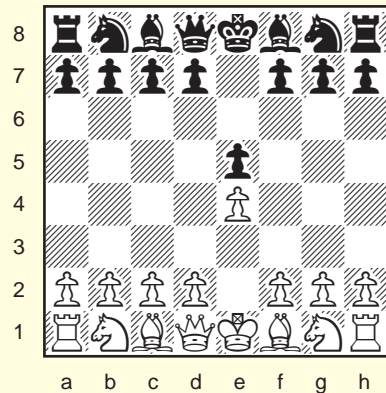
NL Scholastic Chess Association
www.chess.nl.ca

Michael Pickard
info@chess.nl.ca

HOW TO READ A CHESS GAME

It's easy. The board has 8 files and 8 ranks. Files are the rows of squares that go up and down. Each one is named by a small letter. Ranks are rows that go sideways. Each one is named by a number.

Every square also has a name. The first part is its file and the second part is its rank. In this diagram, a white pawn moved to e4 and a black pawn to e5.



Here are some special symbols:

+	check
#	checkmate
e. p.	en passant
O - O	castles kingside
O - O - O	castles queenside
1 - 0	white wins
0 - 1	black wins
½ - ½	draw
!	excellent move
?	mistake
!?	cool move
?!	weird (weak) move

When moves are written down, the first capital letter shows the piece which moves. **Q** is queen. **B** is bishop. **R** is rook. **N** is used for knight because the king is **K**. If there is no capital letter, that means a pawn moves.

Next is the square that the piece moves to. **Bc4** says that a bishop moves to the square c4. When a piece is captured, an **x** is put before the square. **Qxf7** means a queen takes on f7.

If a pawn captures, the letter of the file it starts on is given first, then an **x** followed by the square it takes on. **exd5** says a pawn on the e-file captures on the square d5.

When two pieces of the same kind can go to the same spot, another letter is put after the piece to show what file it came from. **Rae1** tells us that a rook on the a-file moves to e1.

If the pieces that can move to the same spot are on the same file, then their rank number is added. **N6e4** means the knight on the 6th rank moves to e4.

The game below is written in **algebraic notation**. Kiril was new to chess and fell into an old trap called **Scholar's Mate**!

	ROCKY	KIRIL
1.	e4	e5
2.	Qh5	d6
3.	Bc4	Nf6?
4.	Qxf7 #	

Oh no! Kiril got mated in just four moves. That was no fun!

* SOLUTIONS *

MATES

- 1.Qa4#
- 1.Qd8+ Kf7 2.Qe8#
- 1.Nf6+ Kd8 2.Re8#
- 1.Rh8+ Kxh8 2.Qh7#
- 1.Qxf7+ Rxf7
2.Re8+ Rf8 3.Rxf8#
(1...Kh8 2.Qxf8#)

TRIPLE LOYD

- Kd8#
- Kf3=
- Ka8 (Qc8#)

CHESS MAZE

- Ra1-a3-c3-c1-d1-d2
-f2-f1-h1-h3-g3-g5-h5
-h7-a7-a5-b5-b8xd8

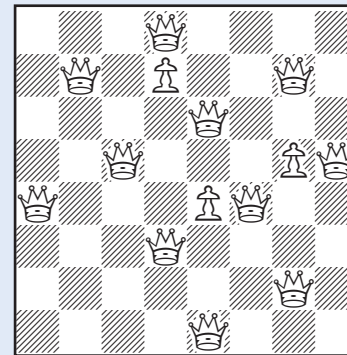
COMBO MOMBO

- 1.Rxc7 Rb8 (1...Rxc7 2.Re8#) 2.Rxb7 Rxb7 3.Re8#
- 1...Qxf1+ 2.Kxf1 Bb5+ 3.Qc4 (3.Kg1 Re1#) 3...Bxc4+

TACTICS 102

- 1.Rxe5 Rxe5 (1...Qd8 2.Rae1) 2.Qxa8+
- 1.Bxf6 Bxf6 2.Nxd5 (2...cxd5? 3.Rxc7)
- 1.Nxe6 fxe6 (1...Rfe8 2.Nd4) 2.Qxe6+ Kh8 3.Qxd6
- 1.Bxf7+ Kxf7 (1...Kf8 2.Bb3) 2.Ng5+ Ke8 3.Qxg4

LILY'S PUZZLER



Add pawns on d7 e4 g5.
No queen is defended.

SCHOLAR'S MATE

3423 St. Denis #400
Montreal, Quebec
H2X 3L2

www.chess-math.org



**AND TO ALL A
GOOD KNIGHT!**