

SCHOLAR'S MATE

CANADA'S CHESS MAGAZINE FOR KIDS
SEPTEMBER 2019 number 145



VOYAGE TO THE TOP OF THE WORLD

CMA AMBASSADORS

BACK RANK MATES

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.

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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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September 2019 (date of issue)



HELLO CHESS PALS!

WELCOME TO ANOTHER YEAR OF SCHOLAR'S MATE.



Has your school chess club met yet? It's never too early to get started!

There were lots of big tournaments this summer. Canadian players were flying all over the world! Our reports begin on page 16.

Congratulations to Olivier Kenta Chiku-Ratté from Montreal on becoming an *International Master* and to Anthony Atanasov of Oakville for placing first in the under 12 section of the Pan-American Youth Festival. And those aren't the only great results.

On the home front, the *Chess'n Math Association* has already announced the second year of their Excellence Program. Check out pages 10 and 19.

Here's the mag.

Kiril

HOLIDAY CHESS CAMPS

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30-31

JANUARY
2-3

*two separate
day-camps*

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SCHOLAR'S MATE
SEPTEMBER 2019 #145

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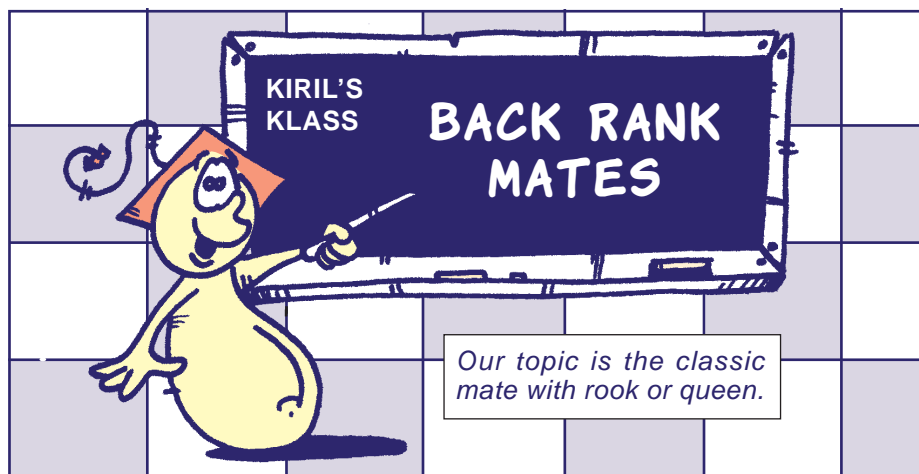
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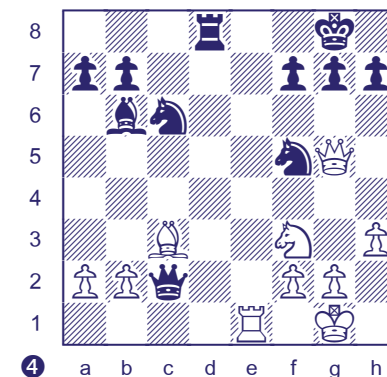
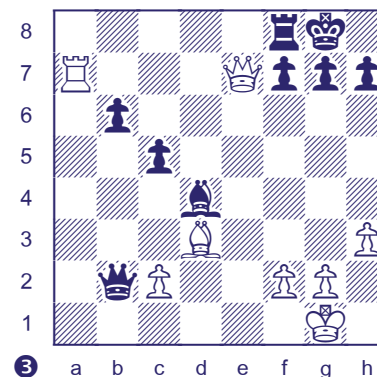
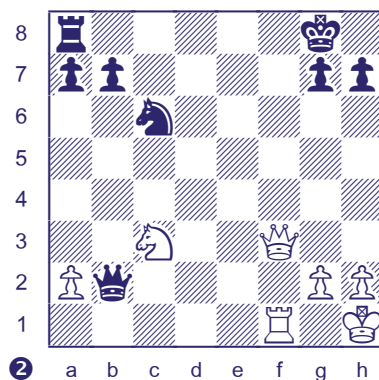
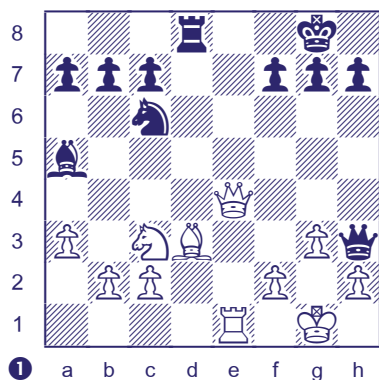


Lots of chess games end with a *back rank* checkmate. A castled king finds himself trapped along the last row with his own pawns blocking his escape. Then one good check from a rook or a queen can be enough for mate.

Diagram #1 shows a typical example. White mates in two with the clever 1.Qe8+ Rxe8 2.Rxe8#.

Sometimes the king must be coaxed into the corner before the mate works. In position #2, White does this by 1.Qf7+ Kh8 2.Qf8+ Rxf8 3.Rxf8#.

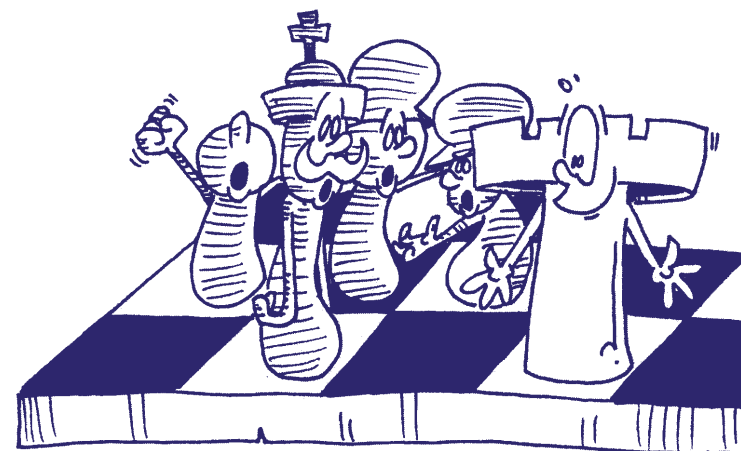
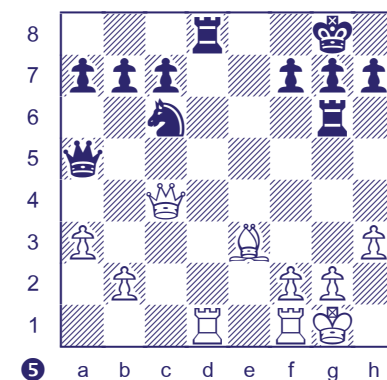
Diagram #3, at the top of the next page, is a trickier way to corner the king. White starts off with a surprising queen sacrifice. 1.Qxf7+! The rest is simple. 1...Rxf7 (1...Kh8 2.Qxf8#) 2.Ra8+ Rf8 3.Bc4+ Kh8 4.Rxf8#

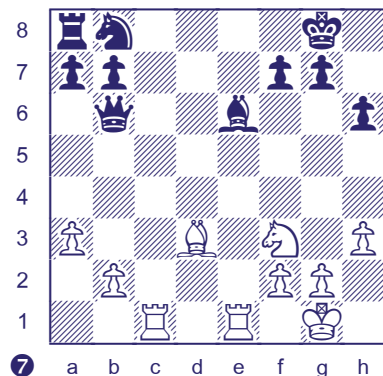
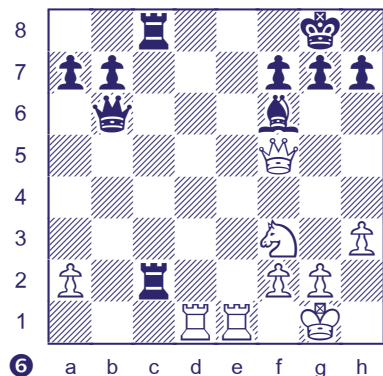


Sacrifices are often needed to force a checkmate. The purpose is to either remove or deflect a key defender.

In example #4, the rook at d8 is standing guard duty on the 8th rank. Once we know our goal is to eliminate the rook, the solution is easy to find. 1.Qxd8+! Bxd8 2.Re8#

Capturing the black rook in position #5 would be mate if not for the knight on c6. So White just takes the knight. 1.Qxc6! Black loses a piece since 1...Rxc6 2.Rxd8# and 1...Rxd1 2.Qe8# both mate.





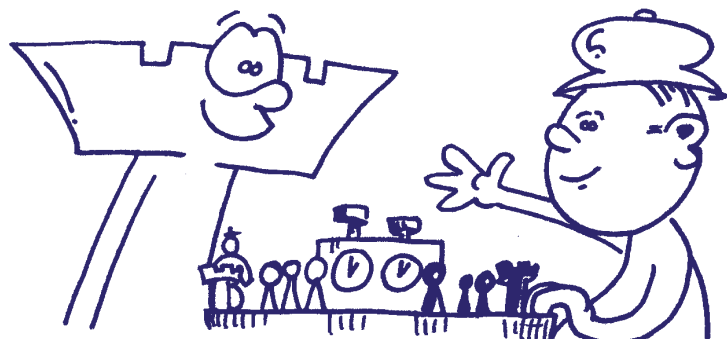
White also uses the threat of a back rank mate to gain material in #6. The rook on c8 is tied to the defence of the 8th rank, so White deflects it with 1.Qxc2! If the rook on c8 takes back, Black gets mated by 1...Rxc2 2.Re8#.

Diagram #7 is another example of a deflection sacrifice. Notice that even though the black h-pawn has advanced, there is still a possibility for a back rank mate because the white bishop on d3 controls the “escape square” h7.

The bishop on e6 is guarding against mate on c8, but the sack 1.Rxe6? does not work, because after 1...fxe6 2.Rc8+, Black can play 2...Kf7.

But Black’s bishop also has a second job. It keeps the e-file closed, which stops *Re8#*.

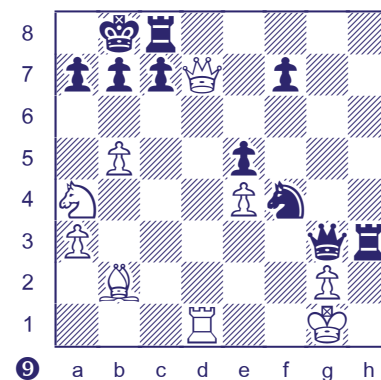
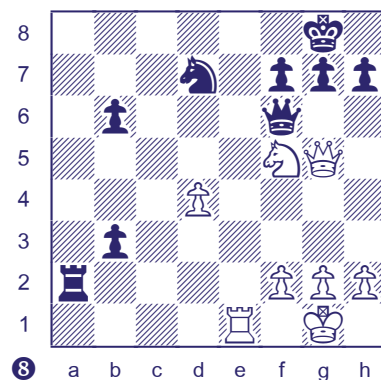
White can take advantage of this double duty by making the bishop carry out its first duty with 1.Rc8+! Bxc8. That deflects the bishop and opens the e-file. 2.Re8#.



Many a king has met his fate
In the face of a back rank mate.

The last two diagrams (#8, #9) are challenge positions for you to solve. Both of them end with a back rank mate. Good luck and see you next time!

solutions page 51



White to mate in 4

White to mate in 4

Chess Excellence Program 2019-2020

The *Chess'n Math Association* is proud to renew this excellent 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
Atlantic+Prairies	\$500	\$250	\$250	\$250

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, 2019 and June 30, 2020. Players who switch provinces during this time are ineligible. Highest rating determined on June 30, 2020. Only one prize per person.

Nominations for *player of the year* must be submitted by June 1, 2020. 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. Thanks for going
trick or treating with me.

No problem, Kiril. We always
have fun when you're around.

But where's Marley? I haven't
seen him all night.

Gee, Kiril, I don't know. Maybe
that's him behind the tree.



CANADA TOP TEN



GRADE 1

1	CHEN Tymon	732	ON
2	QIAN Ashley	725	ON
3	CERICOV David	724	QC
4	CRACIUN Julie	682	QC
5	ZHANG Steven	656	BC
6	SYED Juveria	636	NS
7	TSUKERMAN Leon	630	QC
8	ZHU Forrest	614	BC
9	JAI Catelyn	611	ON
10	CHEN Yuxuan	602	QC

GRADE 2

1	YANG Nathan	1106	BC
2	WU Nicholas	1086	BC
3	GAO Heye	1079	ON
4	HUANG Justin	1041	ON
5	AJITH Aarush	1038	ON
6	IVANOV-YUAN Maksim	1031	QC
7	FANG Johnny	987	QC
8	MARCHAND Calix	953	NS
9	WEI Zihua	942	QC
10	JUTRAS Arnaud	917	QC

GRADE 3

1	IVANESCU Matthew	1315	AB
2	GUILLEMETTE Hugo	1312	QC
3	GAO Justin	1263	BC
4	ZHONG Ryan	1209	ON
5	QIN Weixuan	1183	QC
6	QU Jayden	1179	BC
7	WANG Alan	1161	BC
8	WANG Edouard	1159	QC
9	MENDES Aaron	1122	ON
10	DUANMU Isaac	1110	ON

GRADE 4

1	TSENG Bradley	1315	ON
2	TRAN Tri	1305	AB
3	CHEN Vincent	1287	ON
4	LIU Lucas	1283	QC
5	GEORGESCU-NICOLAU Luca	1249	QC
6	CHEN Chen	1233	QC
7	LAU Joshua	1209	ON
8	BOROOMAND AryaCyrus	1181	BC
9	LAU Jayden	1169	ON
10	KOFMANSKY Matthew	1166	BC

GRADE 5

1	YAN Alex	1695	QC
2	LIN Leo	1623	SK
3	QU Greta	1620	ON
4	YANG Ryan	1525	BC
5	SONG Ethan	1494	BC
6	LI James	1467	QC
7	XU Alex	1437	ON
8	HAN Johnathan	1414	ON
9	GAO Lucy	1387	ON
10	WANG Nathan	1366	ON

GRADE 6

1	ZHONG Kevin	2336	QC
2	ATANASOV Anthony	2253	ON
3	NING Eric	2239	ON
4	XU Daniel	2135	ON
5	CHANDRA Anand	2127	AB
6	WANG Daniel	1719	BC
7	LATORRE Vincent	1625	QC
8	YUEN Noah Nathaniel	1595	ON
9	HUA Michelle	1569	ON
10	JIANG Eric	1552	BC

ROOKIE ROLL top K-6

1	ZHONG Kevin	2336	QC
2	ATANASOV Anthony	2253	ON
3	NING Eric	2239	ON
4	XU Daniel	2135	ON
5	CHANDRA Anand	2127	AB
6	WANG Daniel	1719	BC
7	YAN Alex	1695	QC
8	LATORRE Vincent	1625	QC
9	LIN Leo	1623	SK
10	QU Greta	1620	ON

GRADE 7

1	CHEN Max	2370	ON
2	ZHENG Richard	2307	QC
3	ZHAO Jeffrey	2192	ON
4	LIU Henry	2056	ON
5	GUIPI BOPALA Prince	1849	QC
6	HUANG Youhe	1804	ON
7	ZHANG Chu Hang	1769	QC
8	SRINIVASAN Hemant	1734	AB
9	AJITH Aayush	1625	ON
10	WANG Rachel	1597	QC

GRADE 8

1	ISSANI Nameer	2271	ON
2	KANG Dorian	2267	ON
3	RUSONIK Max	2143	ON
4	RICHARD Leo	2085	QC
5	BUI Alan	2074	ON
6	NOOR ALI Aahil	1997	ON
7	WANG Paul	1956	AB
8	CRACIUN David	1813	QC
9	GAO Raymond	1795	ON
10	WINDRAM James	1747	AB

GRADE 9

1	HUANG Qiuyu	2437	QC
2	TANAKA Tyler	2340	QC
3	HUANG Patrick	2234	BC
4	DOKNJAS Neil	2174	BC
5	TIAN Sherry	2112	BC
6	MAO Fengxi	2093	ON
7	WU Tony	2068	QC
8	ENGLAND Max	2062	ON
9	ZHAO Jeffrey	2044	ON
10	LOW Kevin	1952	BC

GRADE 10

1	RODRIGUE-LEMIEUX Shawn	2663	QC
2	HEMSTAPAT Andrew	2545	BC
3	VETTESE Nicholas	2411	ON
4	ZHAO Ian	2287	AB
5	DURETTE Francis	2228	QC
6	LIN Benjamin	2128	ON
7	ZHONG Wenxuan	1991	QC
8	QU Leo	1882	BC
9	PAPNEJA Arul	1876	ON
10	ZHENG Victor	1782	BC

GRADE 11

1	TALUKDAR Rohan	2505	ON
2	HUA Eugene	2478	ON
3	DEMCHENKO Svitlana	2318	ON
4	NORITSYN Sergey	2294	ON
5	GAISINSKY Adam	2234	ON
6	ZHANG Henry	2215	ON
7	SURYA Benito	2143	ON
8	TINICA Gabriel	2070	QC
9	VASIC Maxim	2011	AB
10	FENG Richard	1982	ON

GRADE 12

1	DOKNJAS Joshua	2492	BC
2	OUELLET Maili-Jade	2381	QC
3	LI William	2355	ON
4	LIANG Hairan	2353	ON
5	CAI Jason	2289	ON
6	MA Derek	2246	MB
7	LIU Lambert	2228	ON
8	WOLCHOCK Theo	2214	MB
9	LI Eric	2150	ON
10	LI Yi Lin	2144	QC

HONOUR ROLL

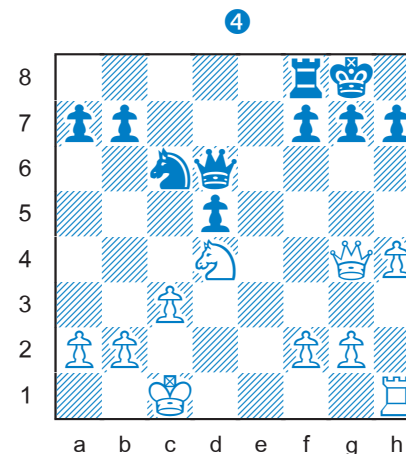
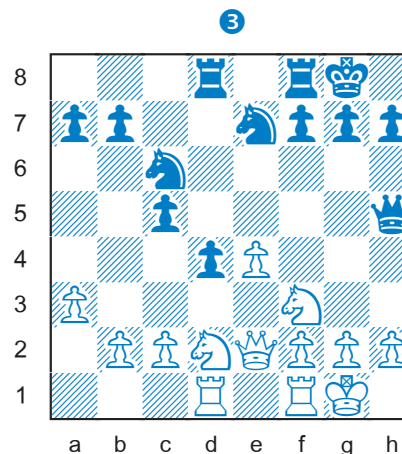
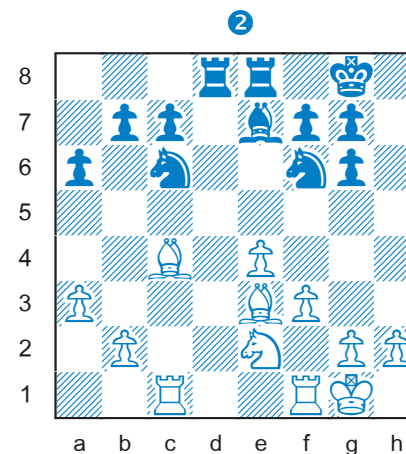
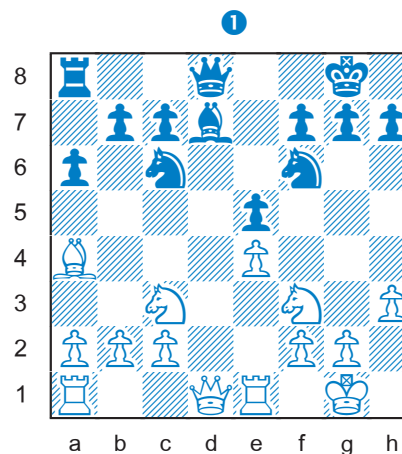
1	RODRIGUE-LEMIEUX Shawn	2663	QC
2	HEMSTAPAT Andrew	2545	BC
3	TALUKDAR Rohan	2505	ON
4	DOKNJAS Joshua	2492	BC
5	HUA Eugene	2478	ON
6	HUANG Qiuyu	2437	QC
7	VETTESE Nicholas	2411	ON
8	OUELLET Maili-Jade	2381	QC
9	CHEN Max	2370	ON
10	LI William	2355	ON

TACTICS 102

“WIN A PAWN!”

White to play and win material.

solutions page 51



VASJA PIRC

(1907 - 1980)

This Slovenian grandmaster was the champion of Yugoslavia six times between 1935 and 1953. His other achievements include drawing a match with former world champion Max Euwe in 1949.



PIRC DEFENCE

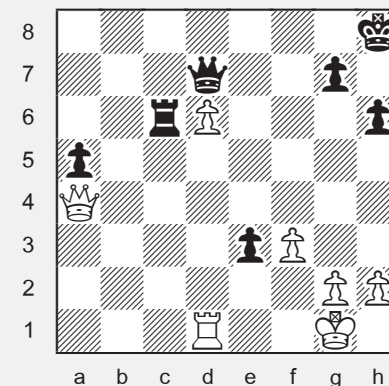
1.e4 d6 2.d4 Nf6 3.Nc3 g6

Pirc is best known for the opening which bears his name (pronounced "peertz"). Although it was played occasionally by German master Louis Paulsen over a hundred years ago, it was not until Pirc began using it regularly in the 1950s that it became an accepted defence. Black's strategy in this opening is called "hypermodern". White is encouraged to build a big pawn centre so that it can be attacked later from the sides.

COMBO MOMBO !!



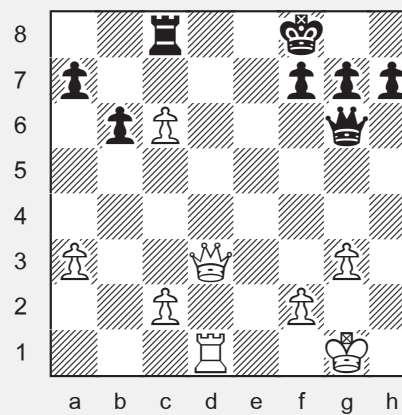
SPOTLIGHT ON PROMOTION



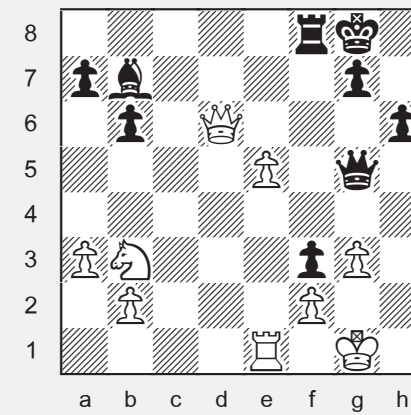
Many combos are based on *promos*. Making a new queen is a great way to get ahead in material.

♔ White sacks the queen to free the passed pawn. 1.Qxc6! Qxc6 2.d7. White is up a rook after 3.d8=Q.

♚ Black to move scores the point with a promotion of their own. 1...e2 2.Re1 (2.Ra1 Rc1+! 3.Rxc1 Qxa4) 2...Qa7+! 3.Kh1 Qf2! 4.Qxa5 Qf1+ 5.Rxf1 exf1=Q#.



❶ WHITE TO MOVE
Win Material



❷ BLACK TO MOVE
Win Material

solutions page 51

**CANADIAN YOUTH CHAMPIONSHIPS**

The 2019 Canadian Youth Chess Championships were played on July 7-10 in Regina, Saskatchewan. 133 players took part in the open sections. This year's national champions and runners-up are:

<8	Hugo Guillemette	QC	<14	Ian Zhao	AB
	Erwin Mok	BC		Patrick Huang	BC
	William Jiang	BC		Nameer Issani	ON
<10	Johnathan Han	ON	<16	Rohan Talukdar	ON
	Leo Lin	SK		Kevin Bu	ON
	Ryan Yang	BC		Benito Surya	ON
<12	Daniel Xu	ON	<18	Joshua Doknjas	BC
	Anand Chandra	AB		Aditya Raninga	AB
	Divjot Locham	ON		Aaron Anandji	BC

Winners of the separate girls only competition (53 players) were:

<8	Rae Chen	ON	<14	Julia Tsukerman	QC
	Sophia Aldaco	AB		Jessica Qian	BC
	= Alia Myrzaibraimova	MB		Mysha Gilani	ON
	= Marie Guan	ON	<16	Svitlana Demchenko	ON
<10	Lucy Gao	ON		Isabelle Wang	QC
	Anni Guo	ON	<18	Lucy Cao	AB
	Sophie Xu	ON		Andrea Botez	BC
<12	Veronica Guo	BC			
	Kate Jiang	BC			
	April Zhong	ON			

WORLD CADET CHESS CHAMPIONSHIP

The 2019 World Cadet Chess Championship, for ages under 8, 10, and 12, was held August 21-September 1 at Weifang, China. There were 582 players from 55 countries taking part, including 22 Canadians (12 boys, 10 girls).

The best result for Team Canada was by Daniel Xu (ON), who had 7 points in the under 12 section. Other players with 6 or more points were <8: William Jiang (BC), <10: Johnathan Han (ON), <12: Max Chen (ON), girls <12: Kate Jiang (BC), Veronica Guo (BC).

See page 37 for a full list of results and page 39 for a photo.

NORTH AMERICAN YOUTH CHESS CHAMPIONSHIP

The 2019 North American Youth Chess Championship took place at Queen's University in Kingston, Ontario on August 15-20. Organized by the Chess'n Math Association, the nine round event had 415 participants, including 243 from Canada. Below is a list of the champions and the Canadians who finished in the top 3.

Congratulations to continental champs Rohan Talukdar (ON), Matthew Ivanescu (AB), Leo Lin (SK), Svitlana Demchenko (ON), and Greta Qu (ON). Also to Joshua Doknjas (BC) who earned the FM title (FIDE master), tying for first in the under 18 section.

OPEN

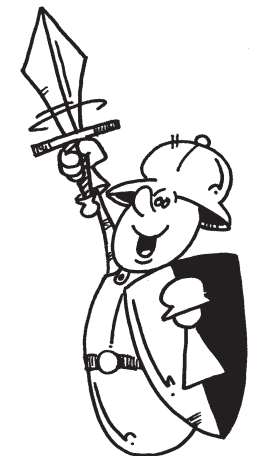
<8	1. Matthew Ivanescu	AB
	2. Aaron Mendes	ON
<10	1. Leo Lin	SK
<12	1. Jason Liang	US
	3. Anthony Atanasov	ON
	3. Kevin Zhong	QC
	3. Jeffrey Zhao	ON
	3. Hemant Srinivasan	AB
<14	1. Liam Putnam	US
	2. Richard Zheng	QC
	3. Tyler Tanaka	QC
	3. Dorian Kang	ON
<16	1. Rohan Talukdar	ON
	2. S. Rodrigue-Lemieux	QC
<18	1. Alexander Costello	US
	3. Joshua Doknjas	BC

GIRLS

<8	1. Whitney Tse	US
	3. Marie Guan	ON
<10	1. Greta Qu	ON
<12	1. Yesun Lee	US
	2. Michelle Hua	ON
	3. Rachel Wang	QC
<14	1. Joy Cao	US
	1. Rianne Ke	US
	3. Julia Tsukerman	QC
<16	1. Sanjana Vittal	US
<18	1. Svitlana Demchenko	ON

CANADIAN JUNIOR

The 2019 Canadian Junior Championship was held in Toronto on August 8-11 with 22 participants in the open section. The new champ is William Graif (New York). Eugene Hua (Hamilton) placed second. Shawn Rodrigue-Lemieux (Montreal) and Henry Zhang (Windsor) tied for third.



**NEW IM**

Canada's newest *International Master* is Olivier Kenta Chiku-Ratté of Montreal. The 20 year old university student made his third and final "IM norm" in August at the U.S. Masters tournament in North Carolina. Well done, Olivier Kenta!



Olivier Kenta Chiku-Ratté
International Master

**SUSAN POLGAR ALL-GIRLS INVITATIONAL**

The 16th *Susan Polgar Foundation All-Girls Invitational Tournament* was held in St. Louis, Missouri on June 22-27. The 90 players all qualified at regional competitions held in 11 different countries. The prize fund for this prestigious event included over \$250,000 in scholarships to Webster University.

The winner, scoring 5½ points out of 6 games, was 18 year old Mitzy Caballero (Peru). Tying for second place were Arya Kumar, Anne-Marie Velea, and Zoey Tang, all from the United States.

Nine Canadians from seven different provinces took part. Top scorer was Svitlana Demchenko (Ottawa) who tied for 5th place with 4½ points. Kate Jiang (Vancouver) had 4 points, tying for 12th.

CMA AMBASSADORS

The winners of the 2018-2019 Excellence Program, sponsored by the *Chess'n Math Association* were announced on August 2. The twelve "Players of the Year" are designated CMA ambassadors. Each received a special jacket with their name embroidered on the back as well as a cash prize ranging from \$200-\$500. See page 8.

- K-3 Calix Marchand (NS)
Hugo Guillemette (QC)
Ryan Zhong (ON)
Wesley Russell (BC)
- 4-6 Zachary Piche (MB)
Kevin Zhong (QC)
Max Chen (ON)
Andrew Xu (BC)
- 7-12 Ryan Pickard (NL)
Sarah Peng (ON)
Andrew Hemstapat (BC)
Shawn Rodrigue-Lemieux (QC)



A total of \$10,000 was awarded to 45 kids from across the country. Top rated players were K-3: Sam Bourassi (PE), Lucas Liu (QC), Bradley Tseng (ON), Justin Gao (BC); 4-6: Anthony Atanasov (ON), Leo Lin (SK), Richard Zheng (QC), Daniel Wang (BC); 7-12: Joshua Doknjas (BC), Derek Ma (MB), Quiyu Huang (QC), Daniel Tang (ON).

Female players of the year were K-3: Alia Myrzaibramova (MB), Rae Chen (ON), Eliza Tian (BC); 4-6: Millie Janes (NL), Julia Li (ON), Gillian Mok (BC), Aibike Myrzaibramova (MB), Sherry Tian (BC).

PAN-AMERICAN YOUTH FESTIVAL

Nineteen Canadians travelled to Guayaquil, Ecuador for the *2019 Pan-American Youth Chess Festival* on July 20-27. The event attracted 666 players from 26 countries.

Congratulations to Anthony Atanasov (Oakville ON) for winning the under 12 championship! Other excellent results were by Eric Li (London, 3rd, <18), Adam Gaisinsky (Windsor, 5th, <16), Benito Surya (Mississauga, 12th, <16), Ryan Zhong (Toronto, 12th, <10), and Marie Guan (Toronto, 13th, girls <8).



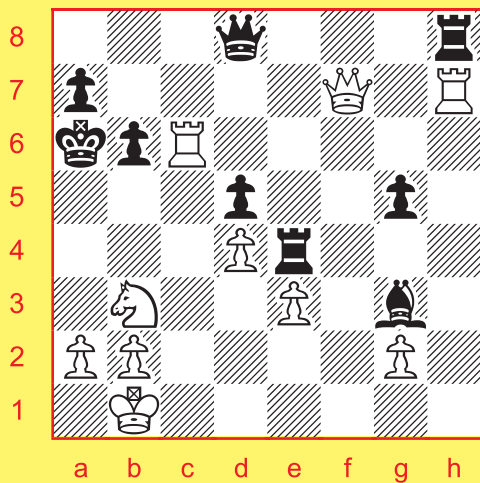
CHECKMATES

WHITE TO MOVE

solutions page 51

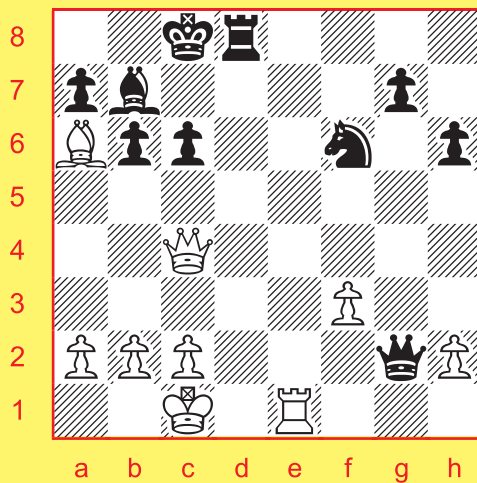


①



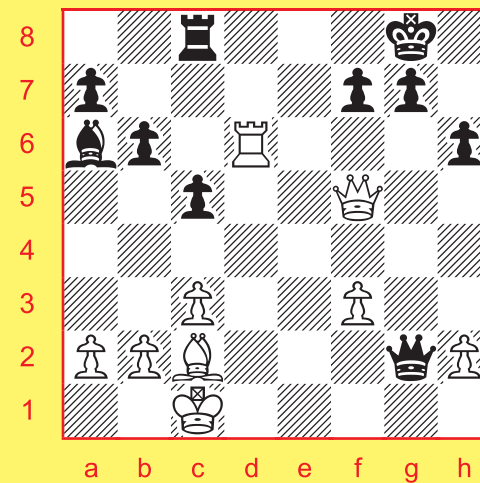
MATE IN 1

②



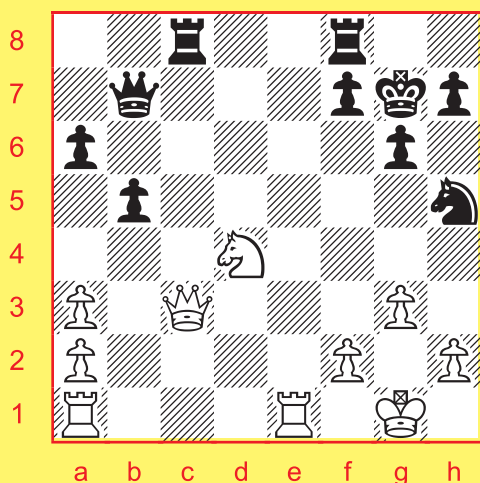
MATE IN 2

③

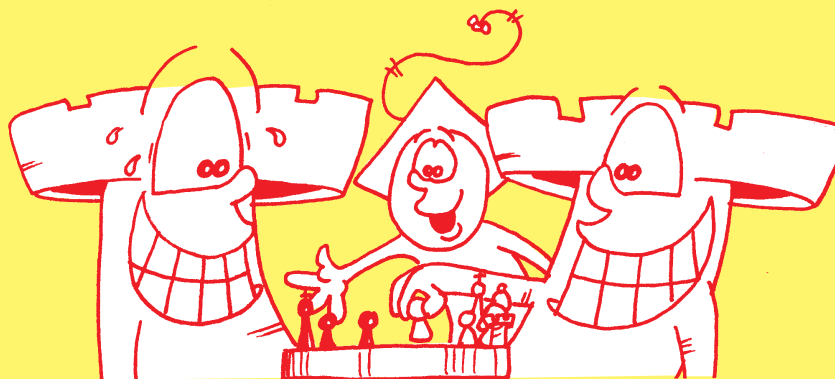


MATE IN 2

④

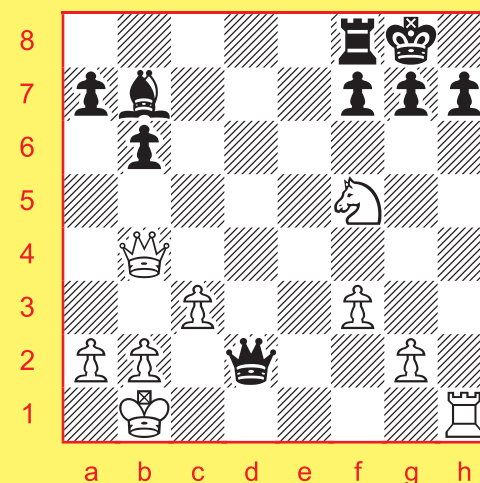


MATE IN 2



"Wow! Nice move."

⑤



MATE IN 3

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Chess Organization*

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**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!

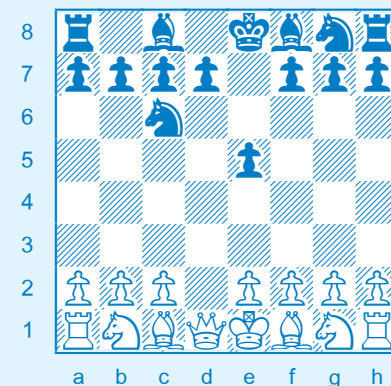
Harmonius Hound, the
the ace chess detective,
brings us a new mystery
to investigate.

The diagram position,
with White to play, was
reached in a game after
four turns by each side.
The moves are weird, but
they are legal.

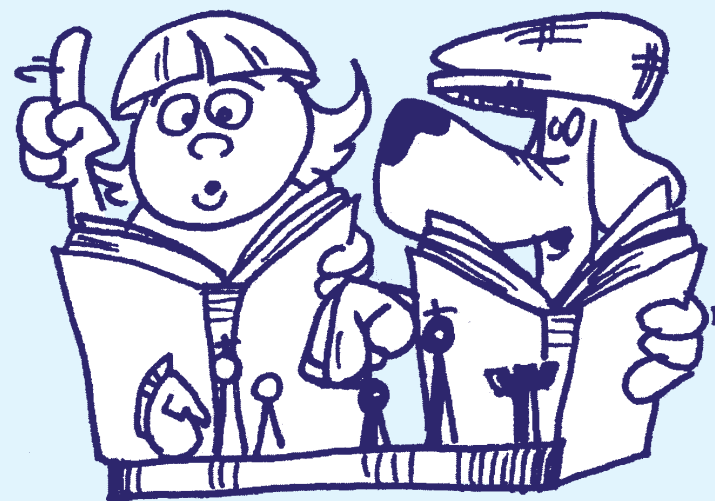
It's the *Case of Strange
Behaviour*.

Good luck!

solution page 51



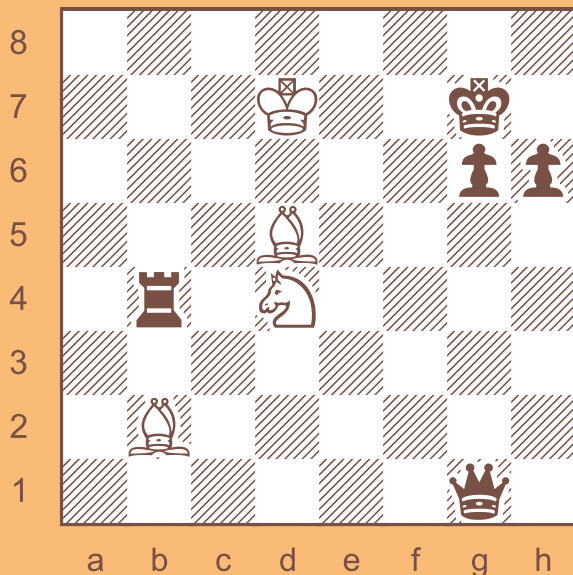
**THIS POSITION
WAS REACHED
AFTER BLACK'S
FOURTH MOVE.
WHAT WERE THE
MOVES?**





KIRIL'S KONTEST

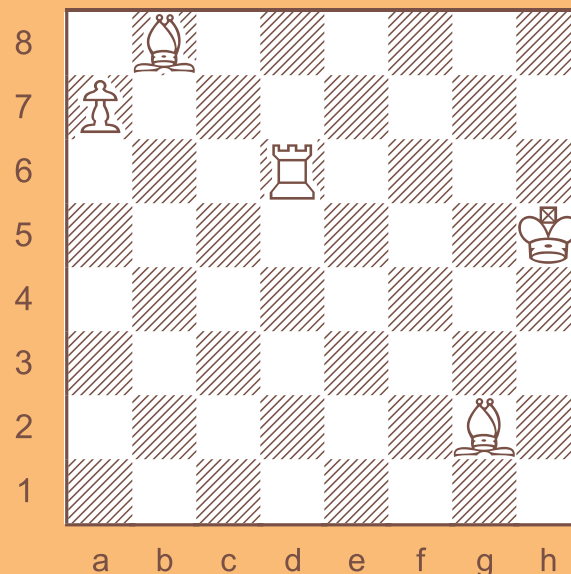
1



MATE IN 3

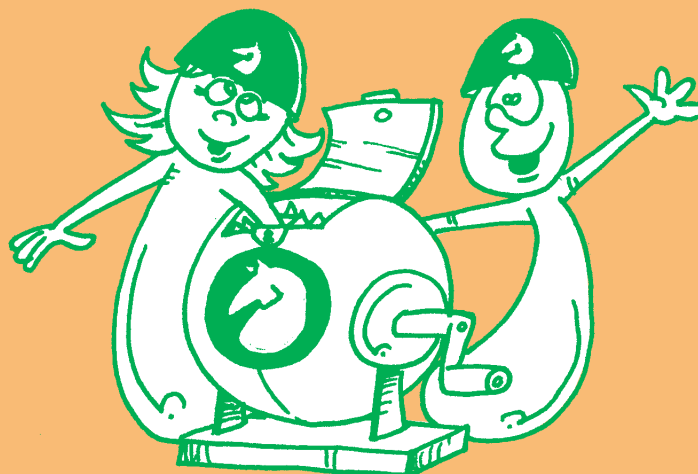
White to play.
Force checkmate
in three moves.

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.



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.

Enter the contest by mailing your solutions to:

kiril@chess-math.org

Deadline: November 25, 2019

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

There were 3 correct entries for June's contest.

1 Mate in 3 1.Qxf6 gxf6 2.Rg3+ Kh8 3.Bxf6#
(1...others 2.Qxg7#)

2 Triple Loyd A.Kf8# B.Kh5= C.Kd7 (1.e8=Q#)

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

Tom O'Donnell of Ottawa



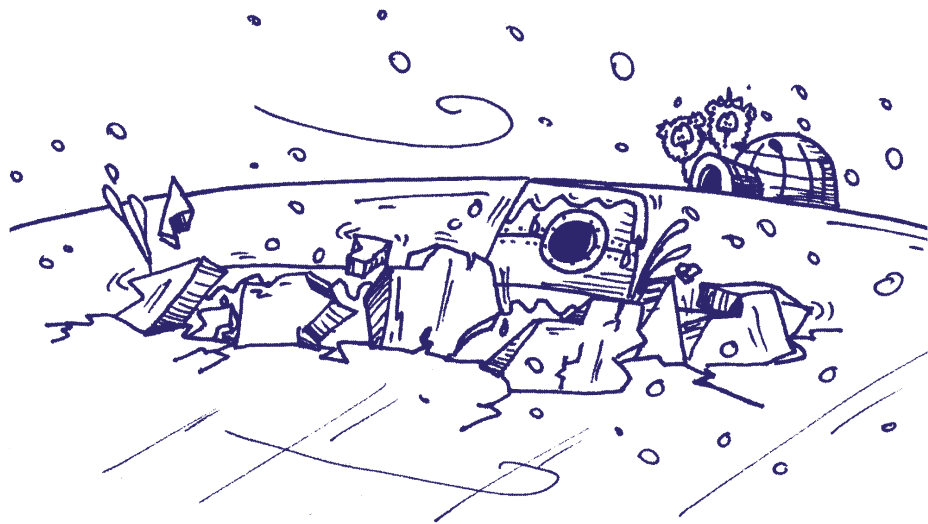
VOYAGE TO THE TOP OF THE WORLD

Life was peaceful at the North Pole. And very cold! But that didn't bother Pookie and Polo. They stayed toasty warm in their polar bear coats.

The clouds were glistening in the sky as the bears played quietly on the snowy frozen ocean. When suddenly, a loud thundering boom broke the silence. The earth began to shake. And up from the chilly depths came a bright shiny submarine, breaking through the surface of the ice. WoW!

The hatch on the submarine opened, and an officer climbed out, followed by two funny looking birds.

"Ahoy, mateys! I'm Captain Bemo. Greetings from the deep seas below."



The polar bears were always glad to have visitors.

"Welcome to the Arctic! My name is Polo, and this is my sister Pookie."

The captain saluted and said, "It's good to be here. These are my friends, Gwen and Penn. They came all the way from the South Pole. We met last year when I went to Antartica. Now they're part of the crew."

The polar bears had never seen a penguin before. Or a submarine! Pookie was all smiles. "It's great to meet you. Are you lost?"

Captain Bemo laughed. "No, we're right on course. You see, we're sailing around the world, exploring new lands, looking for chess players."

Polo clapped his paws together. "Well, you came to the right place. We love chess!"



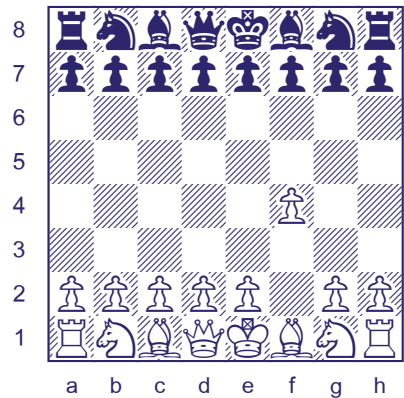
The bears invited everyone back to their igloo for some hot chocolate and cherry pie. And, of course, a few games of you know what. Gwen and Pookie played first.



White PENGUIN GWEN
Black POOKIE the BEAR

1. f4

Can you believe it? The penguin started with the BIRD OPENING!



1. ... e5!?

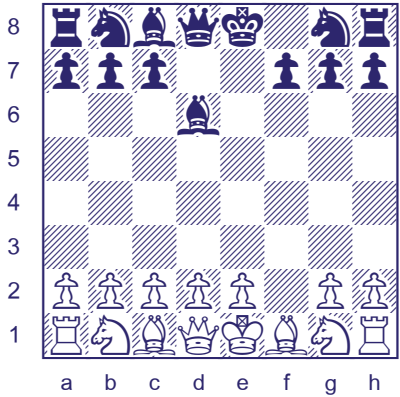
A surprising pawn sacrifice called the *From Gambit*.

2. fxe5 d6

Pookie the Bear likes to play aggressively when she has the black pieces. This defence suits her style perfectly.

3. exd6 Bxd6

In exchange for a pawn, Black has an open game with easy development.



4. Nf3

Moving the f-pawn early in the game can be very dangerous. A queen check on h4 must be stopped. For example, after 4.Nc3?, White is mated by 4...Qh4+ 5.g3 Qxg3+! 6.hxg3 Bxg3#.

4. ... Bg4!?

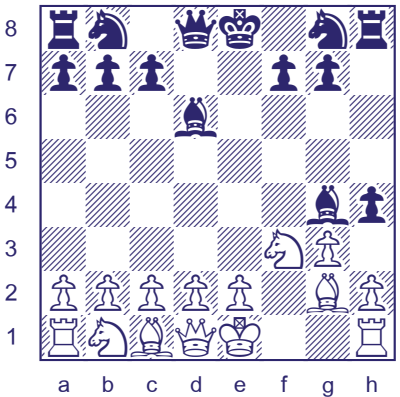
Pookie brings her other bishop out and threatens to win a pawn with 5...Bxf3 6.exf3 Qh4+ 7.g3 Bxg3!

A more common move is 4...g5, intending to chase the knight away with 5...g4.

5. g3 h5

This bear has one thing on her mind: opening up lines to the white king!

6. Bg2 h4



7. Nxh4

Gwen does not want the black h-pawn to take on g3, or advance to h3.

7. ... Rxh4!

Kabow! Kablooney! Black comes breaking through.

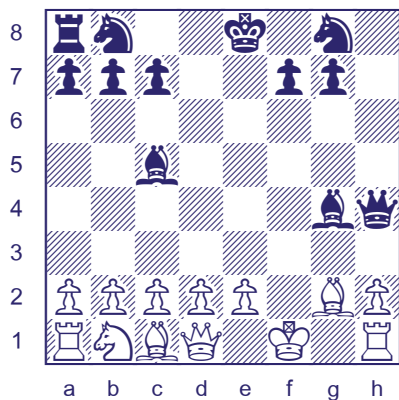
8. gxh4 Qxh4+

Her chess position was not so great, but at least the penguin was enjoying her pie. Mmm...

9. Kf1 Bc5

Threatening mate on f2.





10. Qe1

Now Black has mate in 2!

The best defence is giving up the queen with 10.d4. Things are unclear after 10...Bxd4 11.Qxd4! Bxe2+ 12.Kxe2 Qxd4 13.Bxb7.

Pookie was planning to meet 10.d4 with the check 10...Qf6+! followed by the capture 11...Bxd4.

10. ... Qf6+
11. Bf3 Bh3#



Gwen grinned a penguin grin. "Wow, Pookie, that was a great attack. And great hot chocolate too. May I have a little more, please?"

"Sure thing, Gwen. We always have extra in case anyone drops by."



Captain Bemo was very impressed by how well the bear played. And also by how warm the igloo was!

"Polo, could you explain to me the thermodynamics of igloo construction?"

"Sure thing, captain. But first, it's time for a game."

White POLO BEAR
Black CAPTAIN BEMO

1. d4 Nf6

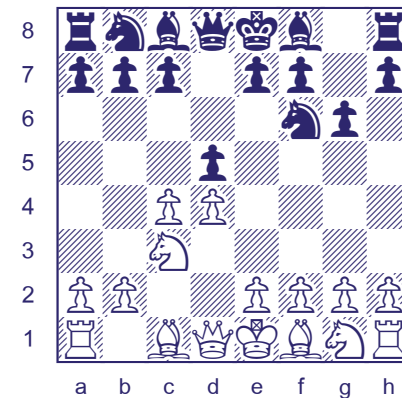
The Indian Defence, an opening that the captain learned on his voyage to the Indian Ocean.

2. c4 g6

Planning to "fianchetto" his king bishop on g7.

3. Nc3 d5

After this pawn move, the opening is known as the GRUNFELD DEFENCE.



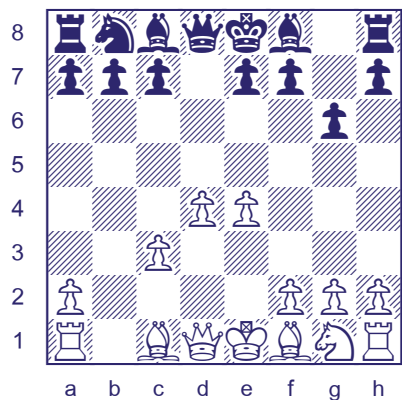
Polo Bear has seen this setup before, and plays the *Exchange Variation*.

4. cxd5 Nxd5

5. e4 Nxc3

6. bxc3





Black lets White build a big pawn centre. The plan is to attack it from the sides (...Bg7, ...Nc6, ...c5) and show that the centre is actually a weakness! This kind of strategy is called "hypermodern".

6. ... Bg7

Captain Bemo obviously had a natural talent for bishop moves!



7. Bc4 0-0

Bemo sends his king to a safe harbour before starting the central battle.

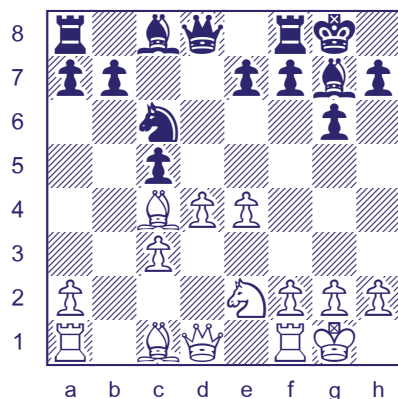
8. Ne2

Polo avoids playing 8.Nf3 because of the pin 8...Bg4.

8. ... c5

9. 0-0 Nc6

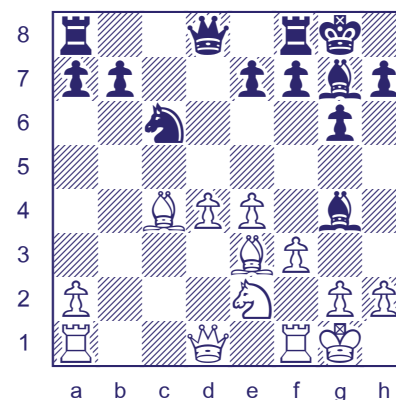
The pressure on White's d-pawn increases.



10. Be3 cxd4

11. cxd4 Bg4

12. f3



12. ... Na5

A tricky move, attacking the bishop on c4.

13. Rc1

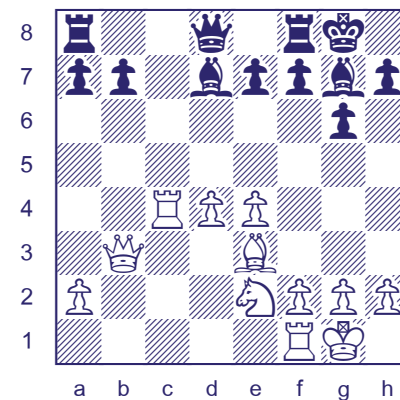
White develops a piece and protects the B. The main alternative is 13.Bd3 Be6 14.Rc1 (or 14.d5!?). The line 13.Bxf7+!? Rxf7 14.fxfg4 Rxf1+ 15.Kxf1 e5 16.d5 Nc4 is messy with chances for both sides.

13. ... Nxc4

The captain is happy to trade a knight on the rim for the white bishop.

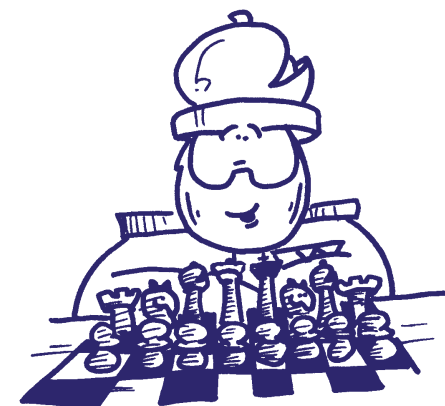
14. Rxc4 Bd7

15. Qb3



15. ... Qa5

Better is 15...a6 with an equal game. 16.Qxb7 Bb5 17.Rc2 Bxe2 18.Rxe2 Bxd4 or 16.Nc3 b5 17.Rc5 Rc8.



16. Rc5!?

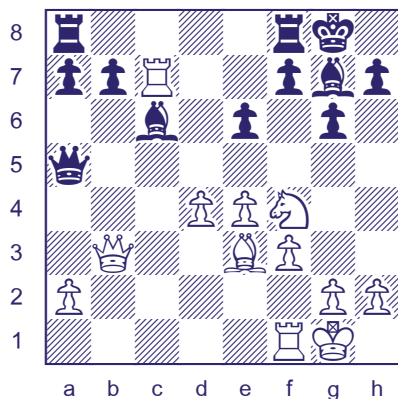
The capture 16.Qxb7 is met by 16...Qxa2.

16. ... Qa6

17. Nf4 e6

Black doesn't want the white knight to reach d5.

18. Rc7 Bc6?



Captain Bemo was quite pleased with his position, especially the bishops. He was in for a big surprise.

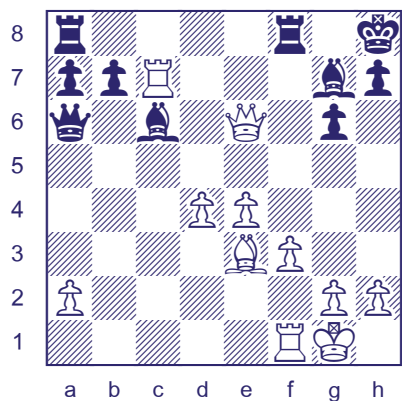
19. Nxe6!

Kabam! Kapowey! White comes crashing through.

19. ... fxe6

Check this out: 19...Rfc8 20.Rxf7! Kxf7 21.Ng5+ Ke7 22.Qf7+ Kd6 23.Bf4+ 1-0.

20. Qxe6+ Kh8



21. Qe7!

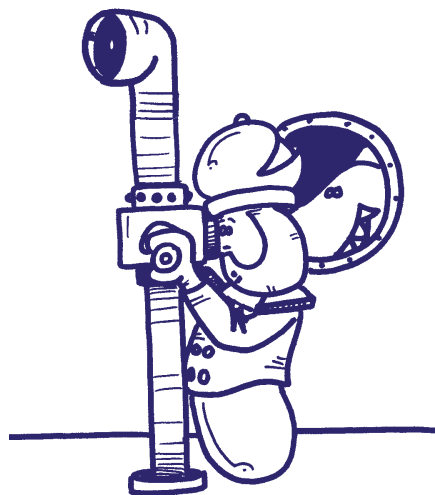
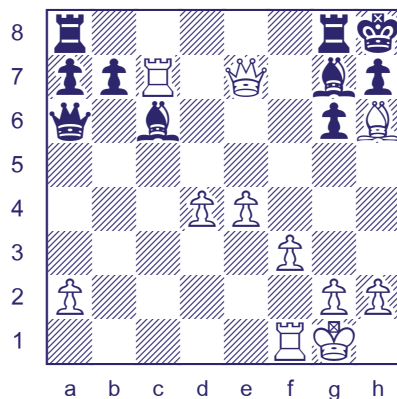
This move is even better than 21.Rxg7 Kxg7 22.d5, which also wins.

21. ... Rg8

The only way to stop mate.

22. Bh6!

Polo knows a few things about bishops too. Such as 22...Bxh6 23.Qxh7#!



22. ... Bxd4+

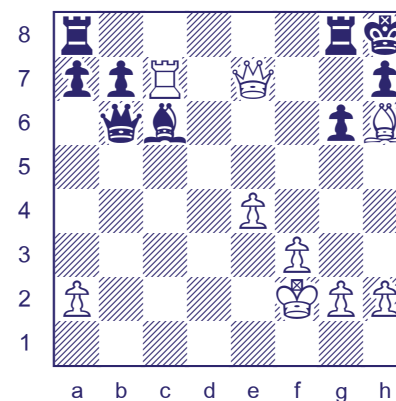
Black finally wins the d4 pawn, and with check! But the captain could see he was in troubled waters.

23. Rf2

Wisely steering clear of 23.Kh1? Qxf1#.

23. ... Bxf2+

24. Kxf2 Qb6+



25. Kg3!

Polo has to be careful. Other king moves lose! 25.Kf1? Bb5+ 26.Ke1 Qg1+ 27.Kd2 Rgd8+ 28.Kc2 Qd1+ 29.Kb2 Qd4+ 30.Kc2 Rd7!

25. ... Qxc7+

The queen jumps overboard to keep the boat afloat!

26. Qxc7

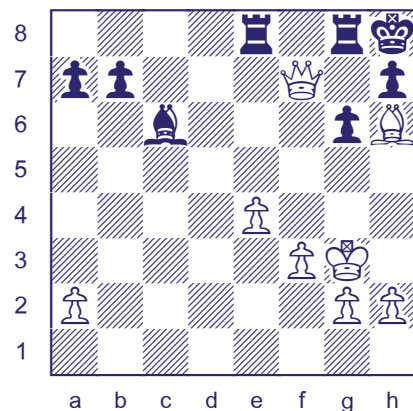
On the surface, things do not look too bad for Black. The material is about even. White has queen and pawn for two rooks. But the black king is still sinking. Now the threat is 27.Qe5+.

26. ... Rae8

27. Qf7! 1-0

The captain resigned since there is no good defence to mate by 28.Qf6+. (27...Ref8 28.Bxf8 Rxf8 29.Qxf8#)

"Well done, Polo! I've sailed around this world many times and I have never been beaten like that before! Now, tell me about your theories on igloo construction."

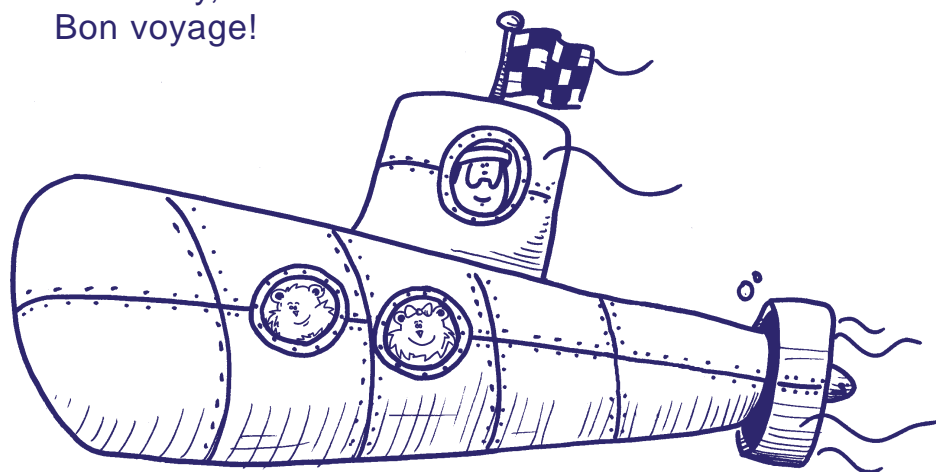


Captain Bemo and the penguins stayed at the North Pole for several days before they had to leave.

Pookie and Polo got a tour of the submarine. The penguins learned how to bake cherry pie. The captain built his first igloo. And of course, they all played lots of chess.

But here's the surprise ending. When it was time to say goodbye to their friends, the polar bears had a better idea. They decided to join the submarine crew!

Sail away, sailors.
Bon voyage!



...stay tuned for

THE CONTINUING STORY OF CAPTAIN BEMO

2019 World Cadet Championships

Weifang, China August 21-September 1

582 players / 11 rounds

OPEN under 8 (96 players)

1	Lebedev Artem	Russia	9
2	Tulendinov D.	Kazakhstan	9
3	Dau Khuong Duy	Vietnam	8½
39	Jiang William	Canada	6
50	Trinh Khoi	Canada	5½
64	Mok Erwin	Canada	5

OPEN under 10 (112)

1	Vetokhin Savva	Russia	9
2	Meng Yihan	China	8½
3	Wei Jianzhou	China	8½
23	Han Johnathan	Canada	6½
70	Song Ethan	Canada	5
99	Huang Winston	Canada	4
111	Wang Dennis	Canada	1½

OPEN under 12 (115)

1	Zhou Liran	USA	9½
2	Chen Yuan	China	9
3	Ochirbat Lkhagvajamts	Mongolia	8
23	Xu Daniel	Canada	7
41	Chen Max	Canada	6
71	Jiang Eric	Canada	5
94	Zhu Matthew	Canada	4
110	Pan Thomas	Canada	3

GIRLS under 8 (78)

1	Yuan Zhilin	China	9
2	Wang Qinxuanyi	China	8½
3	Gao Muziyan	China	8
39	Chen Rae	Canada	5½

GIRLS under 10 (91)

1	Lee Alice	USA	10
2	Chen Yining	China	10
3	Li Rachel	China	8
63	Guo Anni	Canada	4½
81	Zhang Katherine	Canada	4
87	Shaeri Dorsa	Canada	3

GIRLS under 12 (90)

1	Mikheeva Galina	Russia	9½
2	Nurmanova Alua	Kazakhstan	9½
3	Yan Ruiyang	USA	9
24	Jiang Kate	Canada	6½
38	Guo Yu Han	Canada	6
42	Chen Rachel	Canada	5½
64	Mok Gillian	Canada	4½
84	Zhang Colleen	Canada	2½
86	Tao Kaitlyn	Canada	2½

PAST ISSUES OF SCHOLAR'S MATE

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www.chess-math.org

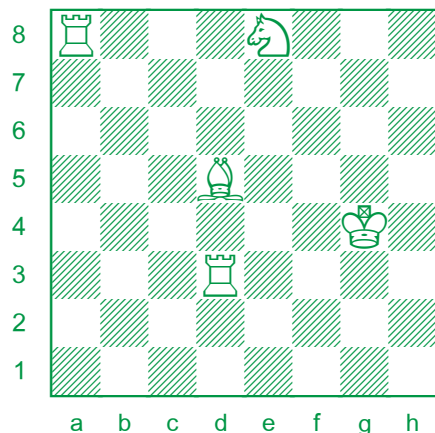
Free and fun. What a deal!

You can write to Kiril the Pawn at:

kiril@chess-math.org



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.



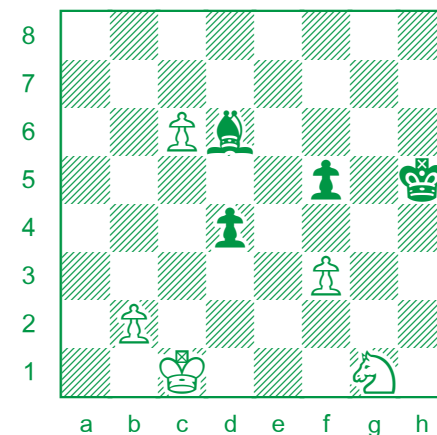
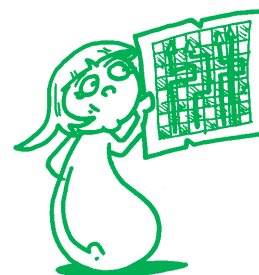
Team Canada

World Cadet 2019 China



Cheshire Cat. Relaxing by the pond.

chess maze



KNIGHT MAZE IN 13

Only the white knight moves. Capture the black king in thirteen moves (or less) without taking any pieces or moving to a square where the knight can be taken.

solution page 51

ONTARIO TOP TEN

GRADE 1

1	CHEN Tymon	732
2	QIAN Ashley	725
3	JAI Catelyn	611
4	YANG Jayden	559
5	ANAND Anirudh	510
6	ZHU Elber	492
7	MASLOV Yan	459
8	ALLAKHVERDI Aidan	426
9	DHIMOGJIKA Daniel	424
10	CHOY Ryan	415

GRADE 2

1	GAO Heye	1079
2	HUANG Justin	1041
3	AJITH Aarush	1038
4	LI Triston	902
5	TSO Justin	870
6	NAIBOGLU Onur	866
7	WANG Andy	851
8	WANG William	828
9	PURI Ryan	814
10	DUIC Matthew	788

GRADE 3

1	ZHONG Ryan	1209
2	MENDES Aaron	1122
3	DUANMU Isaac	1110
4	CHEN Rae	1041
5	WANG Arthur	1000
6	PAULE Ezekiel	954
7	O'MALLEY Patrick	943
8	ZHU Jeremy	942
9	LIU Zi	940
10	ISSANI Nameer	899

GRADE 4

1	TSENG Bradley	1315
2	CHEN Vincent	1287
3	LAU Joshua	1209
4	LAU Jayden	1169
5	GUO Richard	1143
6	FENG Benjamin	1138
7	YAO Henry	1111
8	PUGACH Daniel	1096
9	MANE Arnav	1096
10	LEUNG Joseph	1046

GRADE 5

1	QU Greta	1620
2	XU Alex	1437
3	HAN Johnathan	1414
4	GAO Lucy	1387
5	WANG Nathan	1366
6	YANG Larry	1273
7	LI Gabriel	1260
8	XIE Daniel	1259
9	SHI Michael	1235
10	ZHU Austin	1196

GRADE 6

1	ATANASOV Anthony	2253
2	NING Eric	2239
3	XU Daniel	2135
4	YUEN Noah	1595
5	HUA Michelle	1569
6	LI Adam	1523
7	HUANG Richard	1495
8	COAT Sven	1485
9	QIU James	1444
10	LIU Aaron	1434

ROOKIE ROLL top K-6

1	ATANASOV Anthony	2253
2	NING Eric	2239
3	XU Daniel	2135
4	QU Greta	1620
5	YUEN Noah	1595
6	HUA Michelle	1569
7	LI Adam	1523
8	HUANG Richard	1495
9	COAT Sven	1485
10	QIU James	1444

GRADE 7

1	CHEN Max	2370
2	ZHAO Jeffrey	2192
3	LIU Henry	2056
4	HUANG Youhe	1804
5	AJITH Aayush	1625
6	ZHU Matthew	1588
7	XIE Austin	1558
8	WU Benjamin	1553
9	GHAZARIAN Tigran	1493
10	ZHANG Henry	1470

GRADE 8

1	ISSANI Nameer	2271
2	KANG Dorian	2267
3	RUSONIK Max	2143
4	BUI Alan	2074
5	NOOR ALI Aahil	1997
6	GAO Raymond	1795
7	SRINIVAS Atharva	1701
8	JEYAKUMAR Bhavatharshan	1687
9	JACOBS Michael	1620
10	XIE Joanna	1500

GRADE 9

1	MAO Fengxi	2093
2	ENGLAND Max	2062
3	ZHAO Jeffrey	2044
4	ZHAO Jonathan	1614
5	DURHAN Batuhan	1587
6	WANG Michael	1541
7	QIAO Joey	1528
8	GUO Hazel	1484
9	CHEN Hao	1479
10	MO Aidan	1475

GRADE 10

1	VETTESE Nicholas	2411
2	LIN Benjamin	2128
3	PAPNEJA Arul	1876
4	RAIZMAN Ruven	1703
5	LI Alan	1687
6	MIRABELLI Aidan	1653
7	YANG Fan	1641
8	AKOPHYAN Nick	1590
9	WASHIMKAR Arhant	1584
10	HE Emma	1575

GRADE 11

1	TALUKDAR Rohan	2505
2	HUA Eugene	2478
3	DEMCHENKO Svitlana	2318
4	NORITSYN Sergey	2294
5	GAISINSKY Adam	2234
6	ZHANG Henry	2215
7	SURYA Benito	2143
8	FENG Richard	1982
9	LIU Daniel	1978
10	MING Wenyang	1888

GRADE 12

1	LI William	2355
2	LIANG Hairan	2353
3	CAI Jason	2289
4	LIU Lambert	2228
5	LI Eric	2150
6	FAN Run Kun	2136
7	YIE Kevin	2105
8	LI Eric	1880
9	ZHAO Yue Tong	1846
10	DE COSTA Alex	1800

HONOUR ROLL

1	TALUKDAR Rohan	2505
2	HUA Eugene	2478
3	VETTESE Nicholas	2411
4	CHEN Max	2370
5	LI William	2355
6	LIANG Hairan	2353
7	DEMCHENKO Svitlana	2318
8	NORITSYN Sergey	2294
9	CAI Jason	2289
10	ISSANI Nameer	2271

QUEBEC TOP TEN

GRADE 1

1	CERICOV David	724
2	CRACIUN Julie	682
3	TSUKERMAN Leon	630
4	CHEN Yuxuan	602
5	GATTAS Samuel	600
6	PICHETTE Leo	570
7	XU Brendan	537
8	WANG Lucas	531
9	LABONTE-MORIN Renaud	527
10	BREDIKHIN Daniel	516

GRADE 2

1	IVANOV-YUAN Maksim	1031
2	FANG Johnny	987
3	WEI Zihua	942
4	JUTRAS Arnaud	917
5	LOPEZ Alejandro	908
6	JIANG Sicheng	824
7	TANG-HAN Sean	819
8	FABRIZIO Emanuel	796
9	WU Stephan	795
10	PUSNEI Daniel	780

GRADE 3

1	GUILLETTE Hugo	1312
2	QIN Weixuan	1183
3	WANG Edouard	1159
4	DUVAL Mathieu	1082
5	ZHOU Xiaoran	1049
6	HU Richard	1026
7	WANG Leo	1005
8	DELAGE GODARD Felix	976
9	LOU Aaron	956
10	BOURAS Yasser	918

GRADE 4

1	LIU Lucas	1283
2	GEORGESCU-NICOLAU Luca	1249
3	CHEN Chen	1233
4	RAMAMONJISOA Nikita	1100
5	YIN Eric	1079
6	ZHANG Michael	1062
7	XIE Fei	1056
8	IODANESCU Victor	1055
9	MEMON Saad	1027
10	DING Michel	1016

GRADE 5

1	YAN Alex	1695
2	LI James	1467
3	JIANG Barron	1354
4	LIU Eric	1320
5	LI Zimo	1258
6	HARIHARA Vikrant	1233
7	KOT Emanuel	1180
8	LI Travis	1178
9	FOURNIER William	1171
10	MOURAD Michel	1150

GRADE 6

1	ZHONG Kevin	2336
2	LATORRE Vincent	1625
3	CHAPDELAIN Gwyn	1534
4	CHANG Alexander	1526
5	ADAM Rafael	1461
6	HU Raymond	1441
7	BOCAN Richard	1438
8	HE Zekai	1400
9	RAMAMONJISOA Sacha	1286
10	BELIVEAU Mathieu	1259

ROOKIE ROLL top K-6

1	ZHONG Kevin	2336
2	YAN Alex	1695
3	LATORRE Vincent	1625
4	CHAPDELAIN Gwyn	1534
5	CHANG Alexander	1526
6	LI James	1467
7	ADAM Rafael	1461
8	HU Raymond	1441
9	BOCAN Richard	1438
10	HE Zekai	1400

GRADE 7

1	ZHENG Richard	2307
2	GUIPI BOPALA Prince	1849
3	ZHANG Chu Hang	1769
4	WANG Rachel	1597
5	LIU Kevin	1554
6	BATORSHYN Ilia	1398
7	CAO Edgar	1322
8	PIGOT Mikaël	1281
9	LI Zhongxuan	1281
10	BEZIN Esteban	1247

GRADE 8

1	RICHARD Leo	2085
2	CRACIUN David	1813
3	TSUKERMAN Julia	1713
4	OMICHI Haruaki	1614
5	LEI Storm	1531
6	HE Jiaqi	1449
7	ZHONG Ziyi	1355
8	NAVALA Anthony	1353
9	WEI Hunter	1352
10	SUI Yu Shun	1342

GRADE 9

1	HUANG Qiuyu	2437
2	TANAKA Tyler	2340
3	WU Tony	2068
4	YU Daniel	1668
5	WANG Isabelle	1588
6	HALL Arturo	1536
7	LAROCHE Hugo	1525
8	BERCUVITZ Tani	1401
9	LIU Owen	1340
10	RASMUSSEN Nicolas	1326

GRADE 10

1	RODRIGUE-LEMIEUX Shawn	2663
2	DURETTE Francis	2228
3	ZHONG Wenxuan	1991
4	YU Xi Ming	1666
5	DEMERS Alexis	1626
6	LIU Robert	1422
7	ZHOU David	1416
8	HONG Kiwon	1362
9	WANG Caroline	1334
10	ZUO Dustin	1319

GRADE 11

1	TINICA Gabriel	2070
2	GUAN Zi Yu	1608
3	LAI William	1564
4	YANG Muyuan	1525
5	TSYPIN Allison	1513
6	ZHAO William	1512
7	KIRYAKOV Marin	1426
8	ROUILLON Maxime	1308
9	CAI Susan	1286
10	YU Alec	1284

GRADE 12

1	OUELLET Maili-Jade	2381
2	LI Yi Lin	2144
3	ZHANG Hou Han	1744
4	TURGEON Yoakim	1658
5	LATREILLE Etienne	1425
6	LUO Muhun	1423
7	LU Daisy	1420
8	LU Jasmine	1420
9	LI Yi Zhou	1343
10	SHEN Xin Cheng	1330

HONOUR ROLL

1	RODRIGUE-LEMIEUX Shawn	2663
2	HUANG Qiuyu	2437
3	OUELLET Maili-Jade	2381
4	TANAKA Tyler	2340
5	ZHONG Kevin	2336
6	ZHENG Richard	2307
7	DURETTE Francis	2228
8	LI Yi Lin	2144
9	RICHARD Leo	2085
10	TINICA Gabriel	2070

ATLANTIC TOP TEN

GRADE 1

1 SYED Juveria	636	NS
2 ARDLEY Jonah	441	NS
3 RUEST Gabriel	404	NB
4 RYAN Andrew	403	NF
5 CORMIER Michael	398	NB
6 CAMPBELL Michael	390	NS
7 MARTIN Olivier	362	NB
8 HANDEREK John	350	NS
9 GINGRAS Alexis	346	NB
10 LAMBERT Emile	332	NB

GRADE 2

1 MARCHAND Calix	953	NS
2 GUO Channing	911	PE
3 CHEN Jason	780	NS
4 SYED Hamza Ali Ahmed	740	NS
5 JUSTASON Magnus	611	NB
6 PITTMAN Luke	592	NF
7 DOEMER Andreas	577	NB
8 EYRES Alex	515	NB
9 HU Leon	506	NS
10 GREEY Matthew	452	NF

GRADE 3

1 MORRISON Oskar	867	NS
2 BALAKRISHNAN Shreyas	774	NS
3 GOWDA Ankush	763	PE
4 ROBITAILLE Samuel	737	NB
5 LIU Darrin	652	NB
6 MCKIM Satya	598	NF
7 RYAN Fabian	519	NF
8 POLSTRA Oliver	504	PE
9 LEBEL Loik	503	NB
10 CAISSIE Maxim	501	NB

GRADE 4

1 BOURASSI Sam	924	PE
2 WANG Sam	905	PE
3 LEBLANC Zachary	896	NB
4 MEANEY Luke	741	NS
5 WANG Ivan	716	PE
6 XIE Linke	671	NB
7 MITTAL Rachit	670	NS
8 GREEY William	660	NF
9 LEBLANC Xavier	656	NB
10 SIBIRYAKOV Kim	628	NS

GRADE 5

1 WANG Andy	1207	NS
2 ZHANG Brian	1102	NS
3 FU Zihe	881	PE
4 DAIGLE Xavier	849	NB
5 KOMIAK Jacob	839	NF
6 WEN Kevin	812	NS
7 JANES Millie	804	NF
8 YAN Cindy	774	PE
9 NOROVSAMBUU Emma	759	NS
10 STEPANOV Tymur	743	NS

GRADE 6

1 YAO Michael	1339	PE
2 SALAH Alan	1017	NF
3 SHAFI Omar	884	NS
4 SHEPPARD Jacob	881	NF
5 ALLEN Jack	876	NB
6 RUSANOVSKIY George	846	NS
7 WINFIELD Jordan	839	NS
8 WADLAND Daniel	816	NF
9 NIKMARAM Ryan	804	NB
10 BOYCE Drala	792	NS

ROOKIE ROLL top K-6

1 YAO Michael	1339	PE
2 WANG Andy	1207	NS
3 ZHANG Brian	1102	NS
4 SALAH Alan	1017	NF
5 MARCHAND Calix	953	NS
6 BOURASSI Sam	924	PE
7 GUO Channing	911	PE
8 WANG Sam	905	PE
9 LEBLANC Zachary	896	NB
10 SHAFI Omar	884	NS

GRADE 7

1 SULLIVAN Madoc	1513	NS
2 FANG Evan	1129	NF
3 ANWAR Muhammad Ibrahim	1050	NF
4 PAN Thomas	987	NF
5 FARHAT Taim	972	NS
6 MCINTYRE Duncan	952	PE
7 PAMUNUWE GEDARA Udan	941	PE
8 FARQUHAR Allister	922	NS
9 DICKIE Luke	922	PE
10 WANG Suri	915	PE

GRADE 8

1 DENG Tommy	1321	NS
2 BHATT Tanish	1253	NF
3 UPAL Neil	1155	NS
4 MACEACHERN Seamus	1141	PE
5 KAPADIA Arnav	1065	NS
6 CHRISTIANSEN Asher	1044	NS
7 VELJANOVSKI Kiro	1037	NB
8 LOCKE Sebastian	1031	NF
9 BROCKERVILLE Jacob	977	NF
10 FELTER-GONEN Yaron	973	NB

GRADE 9

1 KAPRA Jerjis	1591	NS
2 LEBLANC Alexandre X.	1436	NB
3 GAO Jiarui	1370	NS
4 RUSSELL Mark	1364	NF
5 ZENG Fanreng	1198	NS
6 DORMODY Peter	1180	NF
7 LOTY Ezekiel	1155	NS
8 NGUYEN Kevin	1136	PE
9 ZAHRA Ismail	1038	NB
10 WEI Ronnie	1025	PE

GRADE 10

1 KUNDU Arnab	1416	PE
2 BLANCHETTE Luc	1132	NB
3 CHEN Norman	1100	NF
4 BABCOCK Simon	1088	NS
5 BROWN Callum	1082	NS
6 BELL Amos	1072	NB
7 MEMET Ryan	1066	NS
8 WALSH Ian	1047	NF
9 HEO Roy	1017	NB
10 FARHAT Zein	1008	NS

GRADE 11

1 CUI Cynthia	1940	NB
2 DORNIEDEN Jonas	1574	NS
3 RUSSELL Brett	1418	NF
4 NAKAYASU Rikuto	1233	NS
5 MCCALLUM Karla Lynn	1195	PE
6 BURTON Jacob	1190	NF
7 CAPELLO Jordon	1172	NB
8 LI Kevin	1103	NS
9 LOTY Eric	1092	NS
10 MACDONALD Cameron	999	PE

GRADE 12

1 MERRIGAN Daley	2056	NF
2 HUANG Xingbo	1634	NF
3 CUI Leonardo	1510	NB
4 CHANDRAKANTH Nandan	1290	NF
5 ROOKARD Kalen	1280	NS
6 MITTAL Ridhi	1271	NS
7 GOSSE Daniel	1201	NF
8 DUMITRU Robert	1158	NS
9 SUN Tyler	1115	NB
10 NGUYEN Quang	1108	NB

HONOUR ROLL

1 MERRIGAN Daley	2056	NF
2 CUI Cynthia	1940	NB
3 HUANG Xingbo	1634	NF
4 KAPRA Jerjis	1591	NS
5 DORNIEDEN Jonas	1574	NS
6 SULLIVAN Madoc	1513	NS
7 CUI Leonardo	1510	NB
8 LEBLANC Alexandre X.	1436	NB
9 RUSSELL Brett	1418	NF
10 KUNDU Arnab	1416	PE

WESTERN TOP TEN

GRADE 1

1 ZHANG Steven	656	BC
2 ZHU Forrest	614	BC
3 HAYE August	593	BC
4 LOW Ethan	570	BC
5 GONG Leale	569	AB
6 CHANG Steven	515	BC
7 GONG Leon	479	BC
8 LIZOTTE Nathan	456	AB
9 KIDD Deklin	449	MB
10 DU Jayden	448	BC

GRADE 2

1 YANG Nathan	1106	BC
2 WU Nicholas	1086	BC
3 NGUYEN An	904	BC
4 JIN Linus	847	AB
5 PERLA Manny	833	AB
6 JOHNSON Joshua	824	AB
7 YE Oliver	822	BC
8 TO Calvin	722	MB
9 HUYNH Nathan	717	AB
10 JAIMAN Panshul	687	BC

GRADE 3

1 IVANESCU Matthew	1315	AB
2 GAO Justin	1263	BC
3 QU Jayden	1179	BC
4 WANG Alan	1161	BC
5 MOK Erwin	1068	BC
6 TIAN Eliza	1020	BC
7 GOLCHIN Ryan	980	BC
8 WALKER Jarek	904	AB
9 CHEN Zhengyu	897	BC
10 LU Aiden	893	BC

GRADE 4

1 TRAN Tri	1305	AB
2 BOROOMAND AryaCyrus	1181	BC
3 KOFMANSKY Matthew	1166	BC
4 GUO BiaoBiao Boyong	1101	BC
5 YU Ryanbole	1030	BC
6 LI Tony	1000	BC
7 RUSSELL Wesley	972	BC
8 BI Glenn	971	AB
9 WU Jonathan	918	AB
10 MING Jerry	887	AB

GRADE 5

1 LIN Leo	1623	SK
2 YANG Ryan	1525	BC
3 SONG Ethan	1494	BC
4 PUREVJAMTS Anu	1280	AB
5 JIN Alexander	1240	BC
6 DARVEKAR Yash	1202	AB
7 HUANG Nico	1143	BC
8 HUANG Winston	1129	BC
9 ZOU Alex	1117	BC
10 LIU Jiaqi	1087	BC

GRADE 6

1 CHANDRA Anand	2127	AB
2 WANG Daniel	1719	BC
3 JIANG Eric	1552	BC
4 WU Nathan	1454	BC
5 MOK Gillian	1414	BC
6 LEE Woosung	1412	BC
7 PICHE Zachary	1389	MB
8 OFFENGENDEN Ron	1364	AB
9 JIN Eric	1329	AB
10 SU Ethan	1322	BC

ROOKIE ROLL top K-6

1 CHANDRA Anand	2127	AB
2 WANG Daniel	1719	BC
3 LIN Leo	1623	SK
4 JIANG Eric	1552	BC
5 YANG Ryan	1525	BC
6 SONG Ethan	1494	BC
7 WU Nathan	1454	BC
8 MOK Gillian	1414	BC
9 LEE Woosung	1412	BC
10 PICHE Zachary	1389	MB

GRADE 7

1 SRINIVASAN Hemant	1734	AB
2 XU Andrew	1439	BC
3 RIQUELME Martin	1427	MB
4 JIANG Kate	1420	BC
5 HE Matthew	1411	BC
6 SALKELD Tobias	1278	SK
7 LIANG Eugene	1256	BC
8 QIN Kaiqi	1235	BC
9 ZHANG Dustin	1231	AB
10 WU Benjamin	1224	BC

GRADE 8

1 WANG Paul	1956	AB
2 WINDRAM James	1747	AB
3 GU Chuyang	1708	BC
4 HUANG Ryan	1643	BC
5 ZHOU Aiden	1584	BC
6 WU Lucian	1543	BC
7 IMOO Joshua	1479	BC
8 IVANESCU Mark	1476	AB
9 BRAVO Erik	1471	BC
10 SPASOJEVIC Luka	1401	BC

GRADE 9

1 HUANG Patrick	2234	BC
2 DOKNJAS Neil	2174	BC
3 TIAN Sherry	2112	BC
4 LOW Kevin	1952	BC
5 SUPERCEANU Andi	1707	AB
6 RIQUELME Nicolas	1570	MB
7 JAMES Rowan	1523	BC
8 LAU Julian	1521	AB
9 RUSSO Max	1512	MB
10 YANG Henry	1455	BC

GRADE 10

1 HEMSTAPAT Andrew	2545	BC
2 ZHAO Ian	2287	AB
3 QU Leo	1882	BC
4 ZHENG Victor	1782	BC
5 DU Daniel	1708	BC
6 NGUYEN KHOI Tran	1599	BC
7 GUO Jim	1528	BC
8 MAH Sean	1514	AB
9 SASATA Alexander	1512	SK
10 WAN Justin	1401	BC

GRADE 11

1 VASIC Maxim	2011	AB
2 YANG Brian	1948	BC
3 PULFER Luke	1900	BC
4 RICHARDSON Kai	1822	BC
5 WEI Daniel	1817	SK
6 WANG Kaixin	1757	AB
7 LOW Ethan	1714	BC
8 CHUNG Alec	1712	BC
9 LIN Kaining	1495	AB
10 LEI Yanyu	1465	MB

GRADE 12

1 DOKNJAS Joshua	2492	BC
2 MA Derek	2246	MB
3 WOLCHOCK Theo	2214	MB
4 LEONG Ryan	2021	BC
5 RANINGA Aditya	2016	AB
6 LEHINGRAT Callum	1985	BC
7 GROSSMANN Lenard	1912	AB
8 SU Michael	1828	BC
9 YAO David	1808	AB
10 DAI Ray	1752	SK

HONOUR ROLL

1 HEMSTAPAT Andrew	2545	BC
2 DOKNJAS Joshua	2492	BC
3 ZHAO Ian	2287	AB
4 MA Derek	2246	MB
5 HUANG Patrick	2234	BC
6 WOLCHOCK Theo	2214	MB
7 DOKNJAS Neil	2174	BC
8 CHANDRA Anand	2127	AB
9 TIAN Sherry	2112	BC
10 LEONG Ryan	2021	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

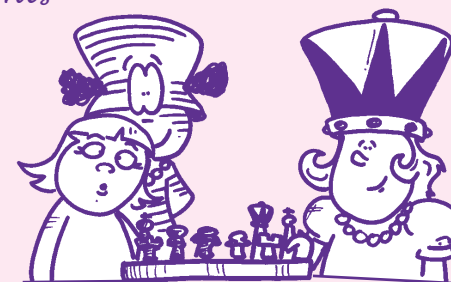
Once on the *ratings page*, with Kiril and the map of Canada, you can search ratings by name, province, age, or grade! You can also find a list of recently rated tournaments under the *tournaments* tab. Click on the event ID number to see the crosstable.

For information on how to rate your tournaments:

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

Frizoon LePawn presents

TOP GIRLS CANADA



GRADE 1

1	QIAN Ashley	725	ON
2	CRACIUN Julie	682	QC
3	SYED Juveria	636	NS
4	JAI Catelyn	611	ON
5	KIRILENKO Anastacia	509	QC

GRADE 2

1	NGUYEN An	904	BC
2	RAMOS Heidi	695	QC
3	WANG Ruoyu	608	QC
4	MA Alison	594	QC
5	MA Annie	570	QC

GRADE 3

1	CHEN Rae	1041	ON
2	TIAN Eliza	1020	BC
3	LIU Zi	940	ON
4	ZHOU Lanqingqing	808	QC
5	GUAN Marie	782	ON

GRADE 4

1	GIASSON Coralie	930	QC
2	CHEN Alina	896	ON
3	KAUR Eveleen	864	ON
4	GONG Viviane	847	QC
5	EISENBERG Colette	826	BC

GRADE 5

1	QU Greta	1620	ON
2	GAO Lucy	1387	ON
3	PUREVJAMTS Anu	1280	AB
4	ZHUANG Winnie	1179	ON
5	GUO Anni	1121	ON

GRADE 6

1	HUA Michelle	1569	ON
2	RUCHINSKAYA Valerie	1421	ON
3	MOK Gillian	1414	BC
4	LI Julia	1399	ON
5	ZHONG April	1323	ON

PRINCESS PARADE

1	QU Greta	1620	ON
1	HUA Michelle	1569	ON
2	RUCHINSKAYA Valerie	1421	ON
3	MOK Gillian	1414	BC
4	LI Julia	1399	ON
2	GAO Lucy	1387	ON
5	ZHONG April	1323	ON
3	PUREVJAMTS Anu	1280	AB
6	YU Sophia	1263	BC
7	LI Annie	1233	QC

GRADE 7

1	WANG Rachel	1597	QC
2	JIANG Kate	1420	BC
3	LIN Angela	1365	ON
4	SURYA Dania	1182	ON
5	JAIN Ankita	1179	ON

GRADE 8

1	TSUKERMAN Julia	1713	QC
2	XIE Joanna	1500	ON
3	HE Jiaqi	1449	QC
4	SHEN Isamel	1444	ON
5	FURDA Ievgeniia	1397	MB

GRADE 9

1	TIAN Sherry	2112	BC
2	WANG Isabelle	1588	QC
3	GUO Hazel	1484	ON
4	WU Ingrid	1404	ON
5	D'SOUZA Carina	1327	ON

GRADE 10

1	HE Emma	1575	ON
2	WANG Caroline	1334	QC
3	TAN Kylie	1301	ON
4	MATTINA Abby	1259	ON
5	CHERTKOW Sasha	1205	ON

GRADE 11

1	DEMCHENKO Svitlana	2318	ON
2	CUI Cynthia	1940	NB
3	QIAO Cindy	1776	ON
4	TSYPIN Allison	1513	QC
5	ZHANG Taylor	1362	ON

GRADE 12

1	OUELLET Maili-Jade	2381	QC
2	LI Yi Lin	2144	QC
3	PENG Sarah	1792	ON
4	BOTEZ Andrea	1686	BC
5	YU Rinna	1520	BC

CANADIAN QUEENS

1	OUELLET Maili-Jade	2381	QC
2	DEMCHENKO Svitlana	2318	ON
3	LI Yi Lin	2144	QC
4	TIAN Sherry	2112	BC
5	CUI Cynthia	1940	NB
6	PENG Sarah	1792	ON
7	QIAO Cindy	1776	ON
8	TSUKERMAN Julia	1713	QC
9	BOTEZ Andrea	1686	BC
10	QU Greta	1620	ON

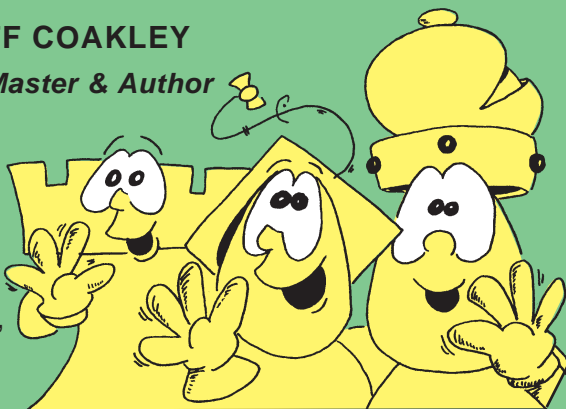
WINNING CHESS For Kids

homepage of JEFF COAKLEY

Canadian Chess Master & Author

Information on
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www.coakleychess.com

CANADIAN CHESS CHALLENGE



2020 National Scholastic Championship

The Chess'n Math Association, Canada's national scholastic chess organization, is proud to announce the 32nd 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 Montreal, Quebec.

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

Alberta

Leah Hughey
(780) 807-1317

PROVINCIAL COORDINATORS

Newfoundland

Michael Pickard
info@chess.nl.ca

British Columbia

Maxim Doroshenko
(604) 568-3283

Manitoba

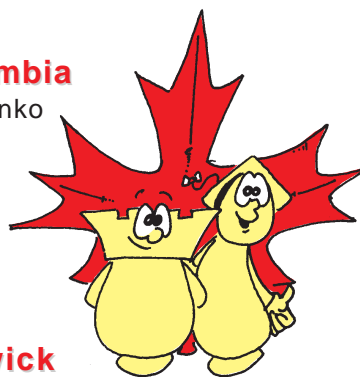
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Simon Li
(306) 924-5881



TOURNAMENTS FOR KIDS

TORONTO

Chess'n Math 416 488-5506

Marshall McLuhan School
1107 Avenue Rd.

September 29

October 27 *Halloween*

November 24 *Grand Prix*

December 15

OTTAWA

Chess'n Math 613 565-3662

Jim Durrell Centre
1265 Walkely Rd.

September 29

November 24 *Grand Prix*

December 8

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

MONTREAL

Chess'n Math 514 845-8352

Loisir St-Henri
530 du Couvent

October 27 *Halloween*

November 10 *Grand Prix*

December 8 *QC CC qualifier*

Le Pavillon d'Education Comm.
1670 Desjardins

October 6

MONTREAL TEAM TOURNAMENT

College Jean-de-Brebeuf

November 30 K-3, gr. 7-11

December 1 K-6

4 players from same school

TOP CANADA grade K -6

1 Kevin Zhong	2336	QC
2 Anthony Atanasov	2253	ON
3 Eric Ning	2239	ON
4 Daniel Xu	2135	ON
5 Anand Chandra	2127	AB
6 Daniel Wang	1719	BC
7 Alex Yan	1695	QC
8 Vincent Latorre	1625	QC
9 Leo Lin	1623	SK
10 Greta Qu	1620	ON



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
info@vanchess.ca

ALBERTA

Edmonton

Roving Chess Nuts
rovingchessnuts.com

Bruce Thomas
rovingchessnuts@shaw.ca

Calgary

Calgary Junior Chess Club
sites.google.com/site/calgaryjuniorchessclub

Paul Gagne
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Jeremie Piché
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Knights of Chess School
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Guelph

Chess Express
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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.

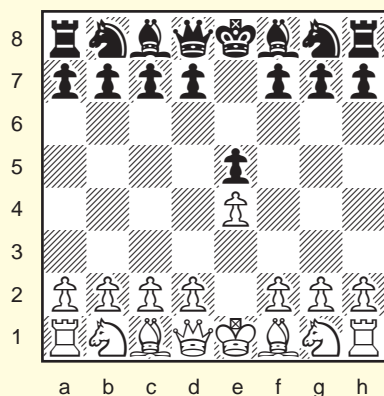
When moves are written down, the first capital letter shows the piece which moves. **Q** is queen. **B** is bishop. **R** is rook. **N** is used for knight because the king is **K**. If there is no capital letter, that means a pawn moves.

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.



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

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.Qf1#
- 1.Qxc6+ Kb8 2.Qxb7#
- 1.Qxc8+ Bxc8 2.Rd8#
- 1.Nf5+ Kg8 2.Nh6#
- 1.Ne7+ Kh8 2.Ng6+
2...Kg8 3.Qxf8#
2...fxg6 3.Qxf8#

TRIPLE LOYD

- Kb8#
- Ke5=
- Kh8 (Rh3#)

CHESS MAZE

Ng1-h3-f2-d3-e1-c2-a1
-b3-a5-b7-d8-e6-g7xh5

COMBO MOMBO

- 1.Qd8+ Rxd8 2.Rxd8+ Ke7 3.c7 (3...Qxc2 4.c8=Q)
- 1...Qxg3+ 2.fxg3 (2.Kf1 Qg2#) (2.Kh1 Qg2#) 2...f2+
3.Kf1 Ba6+ 4.Re2 (4.Kg2 fxe1=Q) 4...Bxe2+
5.Kxe2 f1=Q+ (6.Kd2 Qg2+ 7.Kc3 Qxg3+)

LILY'S PUZZLER

- d3 e5 2.d4 Qf6 3.d5 Qc6 4.dxc6 Nxc6

TACTICS 102

- 1.Bxc6 Bxc6 2.Nxe5
- 1.Bxa6 bxa6 2.Rxc6
(1...Na5 2.Bc4)
- 1.Nxd4 Qxe2 2.Nxe2
(1...Nxd4? 2.Qxh5)
- 1.Qxg7+ Kxg7 2.Nf5+ Kf6
3.Nxd6

KIRIL'S KLASS

- 1.Re8+ Nf8 2.Nh6+ Qxh6 (2...Kh8 3.Rxf8#)
3.Rxf8+ Kxf8 4.Qd8#
- 1.Qxc7+ Rxc7 (1...Kxc7 2.Bxe5#) (1...Ka8 2.Qxc8#)
2.Rd8+ Rc8 3.Bxe5+ Ka8 4.Rxc8#



SCHOLAR'S MATE

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TRICK OR TREAT!