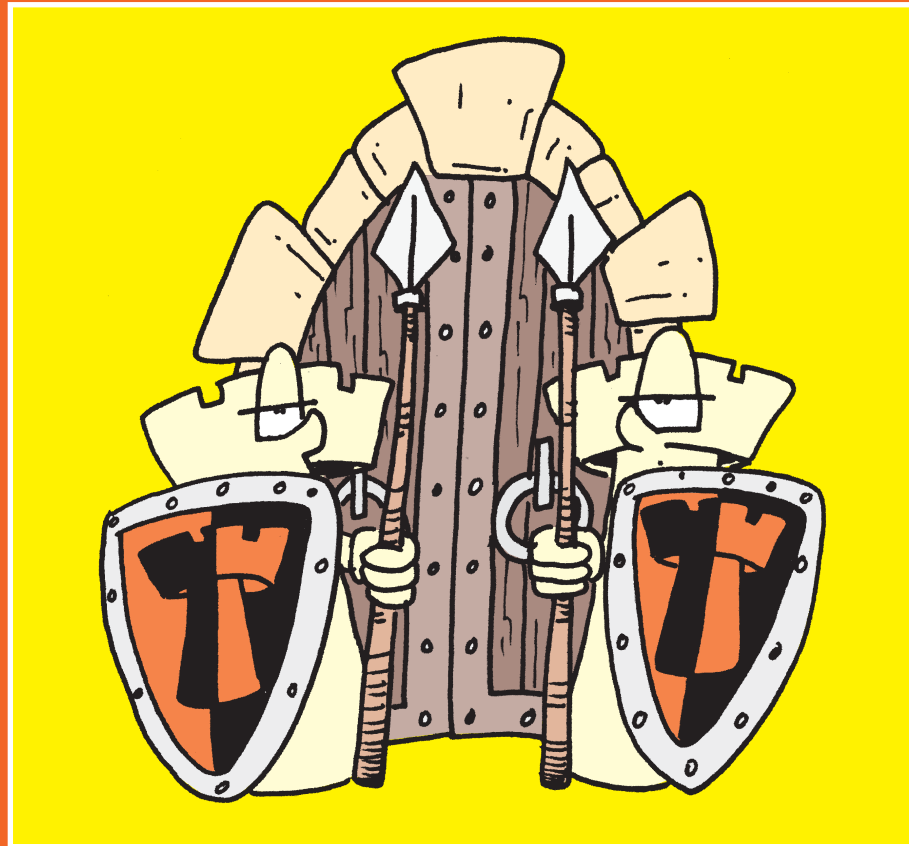


SCHOLAR'S MATE

CANADA'S CHESS MAGAZINE FOR KIDS

June 2020

number 148



BEHIND CASTLE DOORS

HOW DO YOU ZOO?

ROOK EXERCISES

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:

scholarsmate@chess-math.org

SCHOLAR'S MATE

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June 2020 (date of issue)



HELLO, CHESS PALS!



Strange days have found us. We hope that you are all doing well.

Scholar's Mate is still rolling down the highway, safe and sound on your computer screen. That's one great thing about chess. It's perfectly suited for the internet.

Good news for Canadian kids. The Chess'n Math Association is now holding tournaments, classes, and camps online. Check out the announcements on pages 4, 42, and 43.

Here's the mag.

Kiril

Chess'n Math Association

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SCHOLAR'S MATE
JUNE 2020 #148



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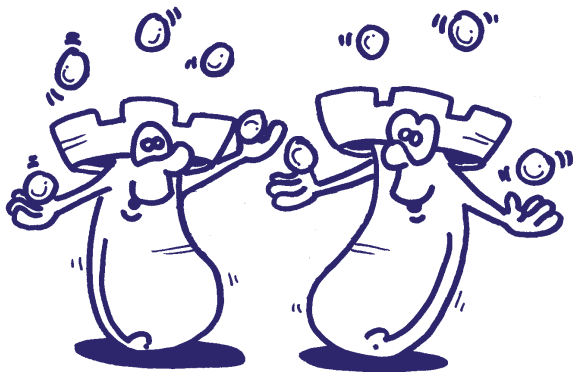
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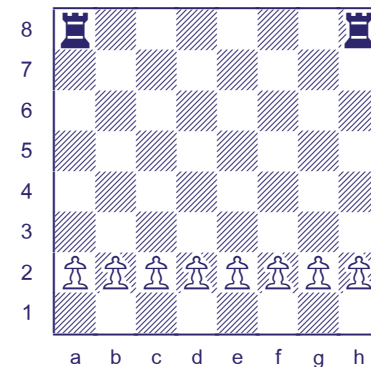
One way to get better at chess is to play practice games. But you don't have to start with all of the pieces on the board. There are many exercises with fewer pieces that can improve your skills. And guess what? They're fun!

In this class, we present five exercises for practising with rooks. Rook endings are the most common kind of endgame. That's because rooks are often the last pieces to be developed and traded. Being good at rook endings is a useful skill that takes time to learn.

It's best to do the exercises with a stronger player, or at least somebody as good as you. If you have trouble finding an opponent, you can also do most of them on a computer. Programs usually have a feature that lets you set up positions.



ROOKS vs. PAWNS



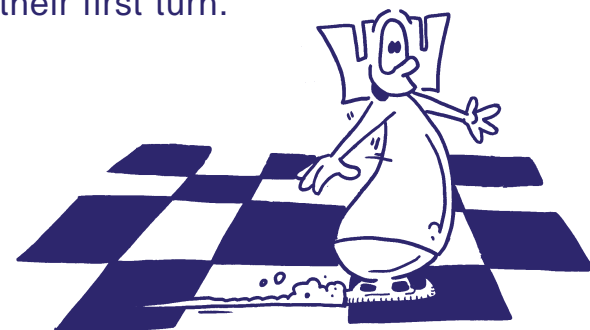
This basic practice game is a battle between two mighty rooks and eight passed pawns. There are no kings. It is the only exercise with special rules. The others are all played like normal games.

RULES

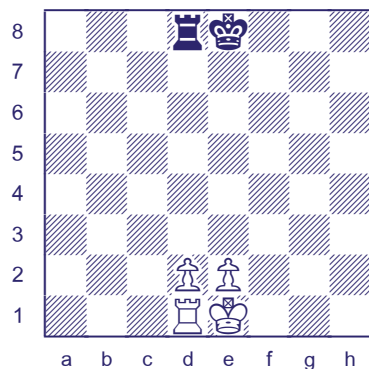
1. White wins if a pawn reaches the last rank safely.
2. Black wins by capturing all of the pawns.
3. White makes the first two moves.

(Some people like a3 and h3; others e4 and d4.)

Play this exercise from both sides. Eventually you will find that the rooks have the advantage. If you want to make it tougher on the rooks, change the rules so that White wins by getting a pawn to the last rank, even if it can be captured immediately. Or, to make it tougher on the pawns, change the rules so that White only has one move on their first turn.

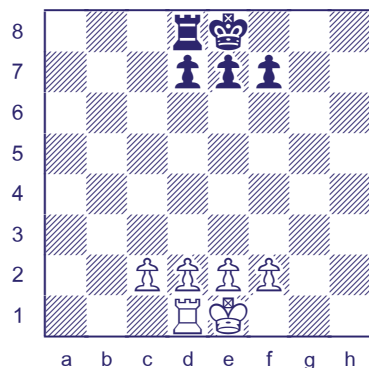


ROOK + 2 PAWNS vs. ROOK



Winning this game with White is harder than it looks. The white king and pawns must advance together and not let the black king set up a blockade. The rooks work better at a distance: White's from the side (on the a-file or h-file), and Black's from behind the pawns (on the 1st rank). Losing a pawn usually means a draw.

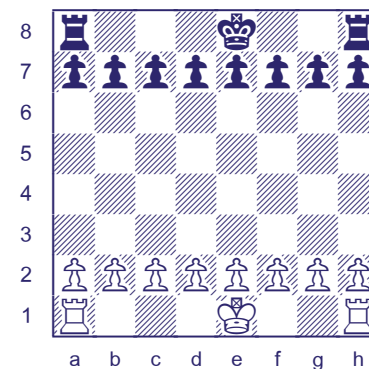
ROOK + 4 PAWNS vs. ROOK + 3 PAWNS



Play this game from both sides. As White, your goal is to win. As Black, not to lose. Neither side is easy.

White aims for a winning Lucena position, and Black for the Philidor draw. See our classes in *Scholar's Mate* issues 122 and 123.

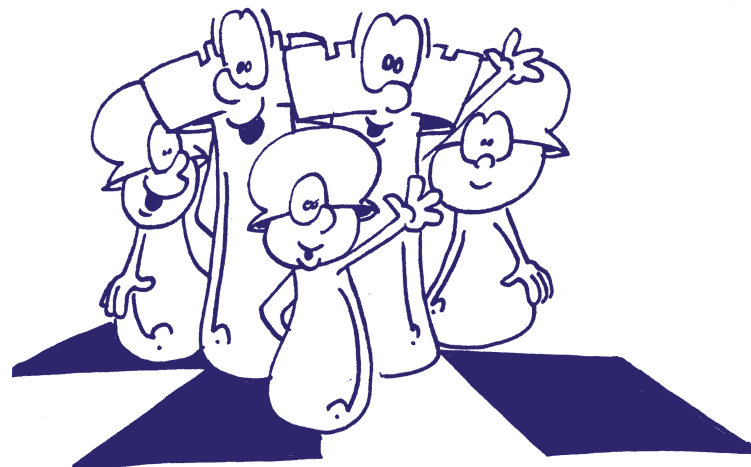
ROOK GAME



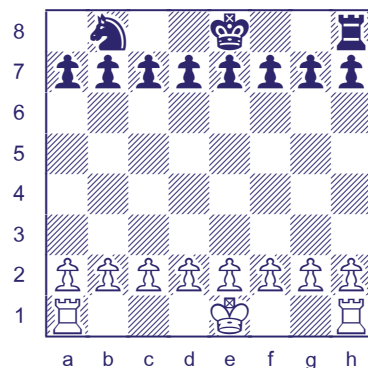
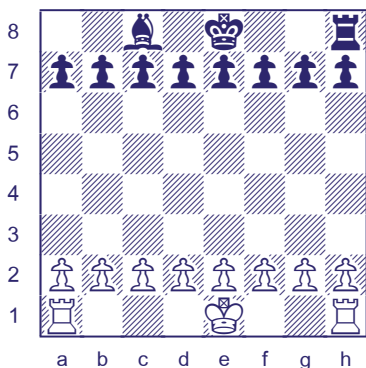
This game is the all-purpose exercise for rook endings. The "opening play" is a little strange, but usually after about 10 moves, a normal "game-like" position arises. Then the real practice begins.

The main strategic principle in rook endings is *rook activity*. We want our rooks to be active (free to move and attack), and the opponent's rooks to be passive (stuck guarding pawns).

Sometimes king safety is a factor, especially if a king is trapped along its back rank. But often an active king is an advantage. For example, when he can help support the advance of a passed pawn.



EX GAMES



When we are “up the exchange” (R vs. B or R vs. N), we are ahead in material. But it is the quality of the pieces, not the quantity, that gives us an advantage.

The way to show the superiority of a rook over a minor piece is to open the position as much as possible. The more open the board becomes, the stronger the rook gets. A bishop also benefits when a game opens up, but not as much as a rook. So when you are ahead by “the ex”, the correct strategy is the same whether your opponent has a bishop or knight. Open the position. This is achieved by means of trading pawns.

The defender should play to keep things closed and to hold their share of the centre. In general, the minor piece can deal with one open file, but two open files are a problem.

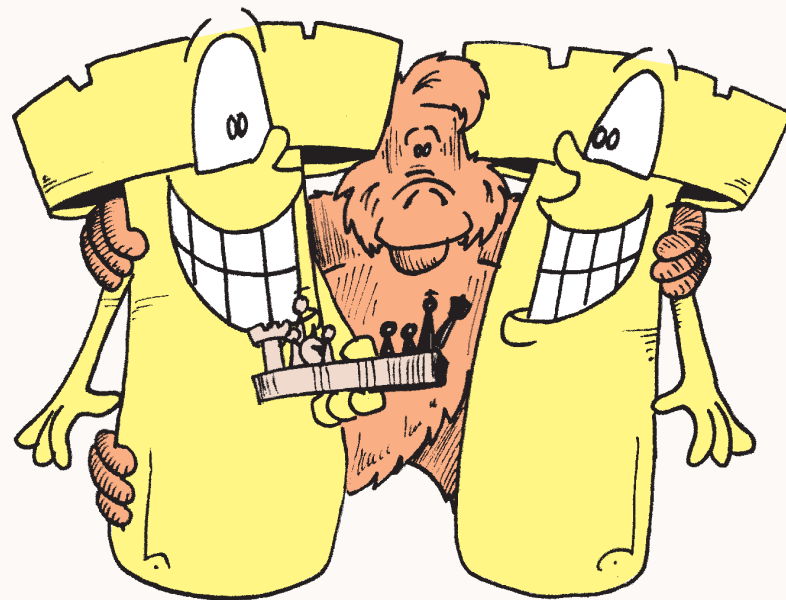
A standard way to win when you are ahead the exchange is to give back the rook for a minor piece and pawn to simplify into a won pawn ending.

By the way, castling is allowed in these rook games.

That’s it for this class. Happy endings, everybody!



MORT AND MARLEY



Hey, Mort. It's great to have an ape for a friend, eh?

Yea, and he's really good at chess too.

Did you know that the DNA for orangutans and humans is 97 per cent the same?

Wow, so how can we tell them apart?

Well, long orange hair is one difference.

But what about us, Marley? Are chess pieces also like human beings?

I don't think so, Mort. Our DNA is more closely related to lego people.

Cool, some of my best friends are legos!



CANADA TOP TEN



KINDERGARTEN

1	CHEN Yu Xuan	1100	QC
2	RONDON MORA Raul	769	QC
3	PAN Julian	660	ON
4	ZHU Edison	645	ON
5	DEMOTTE Kamil	579	QC
6	WEI Lucas	564	QC
7	XIE Harry	555	BC
8	MUTYALAPATI Modith	552	ON
9	NOOKALA Abhiroop	516	BC
10	PALANDE Sahil	496	BC

GRADE 1

1	PERLA Manny	1030	AB
2	ZHANG Steven	965	BC
3	CERICOV David	944	QC
4	KATS Daniel	884	ON
5	YAO Mike	868	ON
6	LOW Ethan	841	BC
7	DEGG Micah	813	AB
8	ZHANG Michelle	809	NS
9	WANG Lucas	791	QC
10	ZHANG Bryan	785	MB

GRADE 2

1	NAIBOGLU Onur	1250	ON
2	WU Nicholas	1195	BC
3	TSO Justin	1194	ON
4	JUTRAS Arnaud	1180	QC
5	GAO Heye	1125	ON
6	IVANOV-YUAN Maksim	1119	QC
7	MARCHAND Calix	1103	NS
8	AJITH Aarush	1094	ON
9	JOHNSON Joshua	1084	AB
10	HUANG Justin	1075	ON

GRADE 3

1	GUILLEMETTE Hugo	1451	QC
2	ZHONG Ryan	1360	ON
3	IVANESCU Matthew	1339	AB
4	GAO Justin	1331	BC
5	WANG Alan	1278	BC
6	MOK Erwin	1234	BC
7	QIN Weixuan	1207	QC
8	CHEN Rae	1200	ON
9	KOO Minjun	1182	BC
10	QU Jayden	1179	BC

GRADE 4

1	CHEN Chen	1434	QC
2	TSENG Bradley	1427	ON
3	LIU Lucas	1400	QC
4	TRAN Tri	1399	AB
5	BOROOMAND AryaCyrus	1343	BC
6	LAU Joshua	1308	ON
7	YU Ryan Bole	1288	BC
8	CHEN Vincent	1279	ON
9	YAO Henry	1271	ON
10	GEORGESCU-NICOLAU Luca	1238	QC

GRADE 5

1	LIN Leo	1726	SK
2	YAN Alex	1686	QC
3	QU Greta	1620	ON
4	YANG Ryan	1525	BC
5	JIANG Barron	1497	QC
6	SONG Ethan	1494	BC
7	LI James	1476	QC
8	HAN Johnathan	1465	ON
9	XU Alex	1461	ON
10	WANG Nathan	1456	ON

GRADE 6

1	ZHONG Kevin	2336	QC
2	ATANASOV Anthony	2308	ON
3	NING Eric	2239	ON
4	CHANDRA Anand	2215	AB
5	XU Daniel	2135	ON
6	WANG Daniel	1719	BC
7	LATORRE Vincent	1707	QC
8	YUEN Noah Nathaniel	1595	ON
9	HUA Michelle	1560	ON
10	HU Raymond	1558	QC

GRADE 7

1	CHEN Max	2370	ON
2	ZHENG Richard	2272	QC
3	ZHAO Jeffrey	2180	ON
4	ZHANG Chu Hang	2158	QC
5	LIU Henry	2056	ON
6	AJITH Aayush	2044	ON
7	SRINIVASAN Hemant	1988	AB
8	HUANG Youhe	1972	ON
9	SHARMA Vishruth	1962	ON
10	WANG Rachel	1839	QC

GRADE 8

1	RUSONIK Max	2278	ON
2	ISSANI Nameer	2271	ON
3	KANG Dorian	2267	ON
4	WANG Paul	2074	AB
5	BUI Alan	2074	ON
6	GAO Raymond	2044	ON
7	NOOR ALI Aahil	1997	ON
8	CRACIUN David	1813	QC
9	WINDRAM James	1747	AB
10	TSUKERMAN Julia	1737	QC

GRADE 9

1	HUANG Qiuyu	2475	QC
2	TANAKA Tyler	2357	QC
3	HUANG Patrick	2256	BC
4	DOKNJAS Neil	2218	BC
5	TIAN Sherry	2112	BC
6	MAO Fengxi	2093	ON
7	RICHARD Leo	2085	QC
8	WU Tony	2068	QC
9	ENGLAND Max	2050	ON
10	ZHAO Jeffrey	2044	ON

GRADE 10

1	RODRIGUE-LEMIEUX Shawn	2681	QC
2	HEMSTAPAT Andrew	2545	BC
3	VETTESE Nicholas	2411	ON
4	ZHAO Ian	2393	AB
5	DURETTE Francis	2228	QC
6	LIN Benjamin	2128	ON
7	ZHONG Wenxuan	1991	QC
8	PAPNEJA Arul	1876	ON
9	ZHENG Victor	1798	BC
10	DU Daniel	1708	BC

GRADE 11

1	TALUKDAR Rohan	2505	ON
2	HUA Eugene	2478	ON
3	DEMCHENKO Svitlana	2318	ON
4	ZHANG Henry	2239	ON
5	GAISINSKY Adam	2234	ON
6	SURYA Benito	2207	ON
7	VASIC Maxim	2070	AB
8	TINICA Gabriel	2070	QC
9	FENG Richard	2060	ON
10	BU Kevin	2022	ON

GRADE 12

1	DOKNJAS Joshua	2492	BC
2	OUELLET Maili-Jade	2405	QC
3	LI William	2355	ON
4	LIANG Hairan	2353	ON
5	WOLCHOCK Theo	2338	MB
6	MA Derek	2299	MB
7	CAI Jason	2289	ON
8	LIU Lambert	2228	ON
9	LI Eric	2150	ON
10	LI Yi Lin	2144	QC

HONOUR ROLL

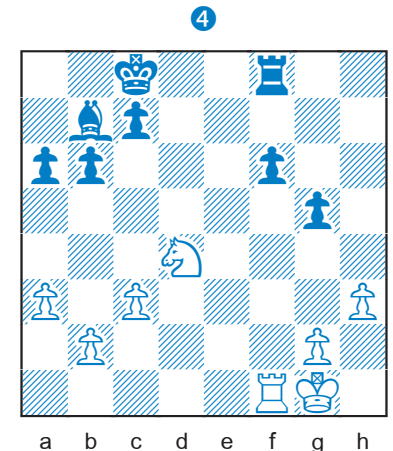
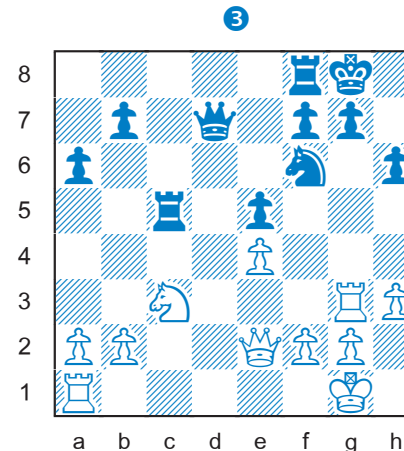
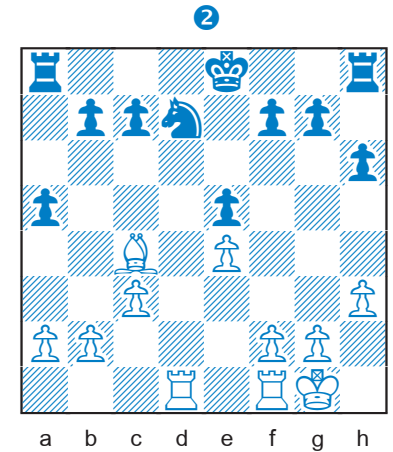
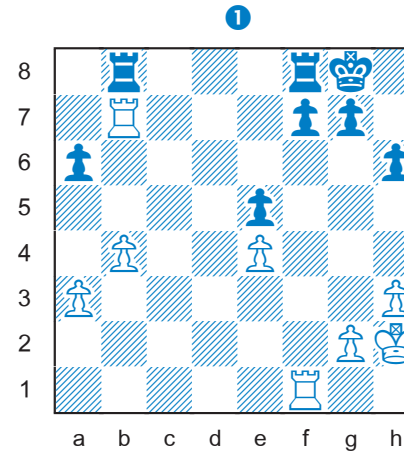
1	RODRIGUE-LEMIEUX Shawn	2681	QC
2	HEMSTAPAT Andrew	2545	BC
3	TALUKDAR Rohan	2505	ON
4	DOKNJAS Joshua	2492	BC
5	HUA Eugene	2478	ON
6	HUANG Qiuyu	2475	QC
7	VETTESE Nicholas	2411	ON
8	OUELLET Maili-Jade	2405	QC
9	ZHAO Ian	2393	AB
10	CHEN Max	2370	ON

TACTICS 102

"WIN A PAWN!"

White to play and win material.

solutions page 47



SIMON WINAWER

(1838 - 1919)

This Polish merchant was one of the top masters of the nineteenth century. His best tournament result was at Vienna in 1882, where he tied for first place with world champion Wilhelm Steinitz ahead of the other prominent players of Europe.



WINAWER VARIATION (French Defence)

1.e4 e6 2.d4 d5 3.Nc3 Bb4

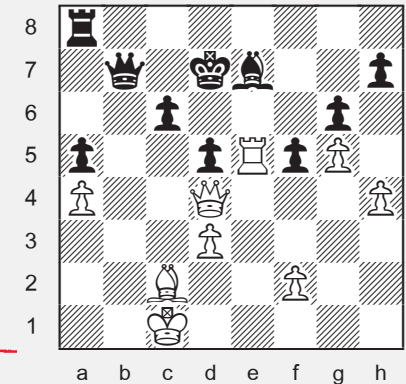
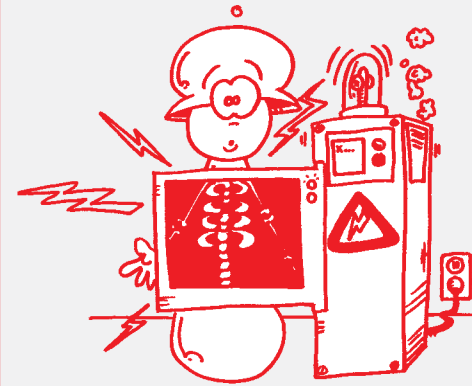
WINAWER COUNTERGAMBIT (Slav Defence)

1.d4 d5 2.c4 c6 3.Nc3 e5

Although he preferred to play positional games, Winawer was famous for his “do or die” attacks. The popular variation of the French Defence that bears his name was considered unusual during his lifetime. It was only years later, when Aron Nimzovich and world champion Mikhail Botvinnik began to use it regularly, that “*the Winawer*” was accepted as a sound way for Black to defend.

COMBO MOMBO !!

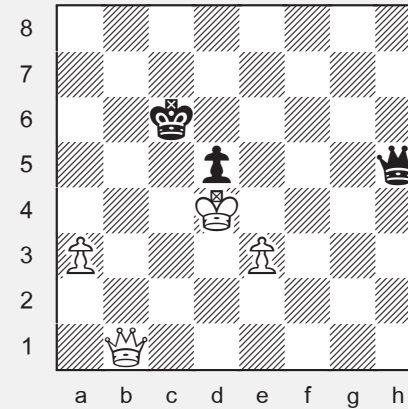
SPOTLIGHT ON X-RAYS



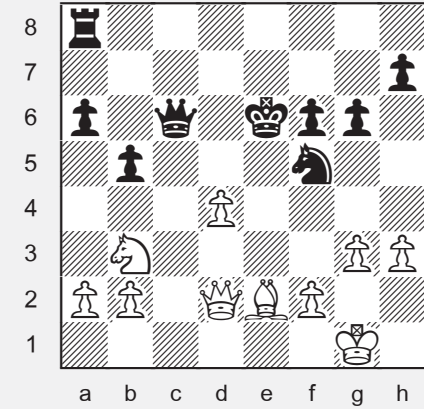
An *x-ray* is a move that attacks two pieces along the same line. When the first piece (usually king or queen) moves away, the one behind it is taken. This tactic is also called a *skewer*.

♔ White's combo starts with 1.Rxe7+! After 1...Kxe7, an *x-ray* wins the queen. 2.Qg7+ Kd6 3.Qxb7

♚ Black to move *x-rays* by 1...Ba3+ 2.Kd1 Bb2!, gaining the exchange. 3.Qe3 Bxe5 4.Qxe5



♚ BLACK TO MOVE
Win Material



♔ WHITE TO MOVE
Win Material

solutions page 47



CHESS WORLD ON HOLD

It's not news that the virus pandemic has affected our lives in many ways. Schools, businesses, and sports have all made major changes. Chess is no exception. Tournaments everywhere have been cancelled or postponed indefinitely. We all wait hopefully for some positive developments during the coming months.

Meanwhile, chess activity on the internet has greatly increased. Online tournaments and lessons are now more popular than ever.

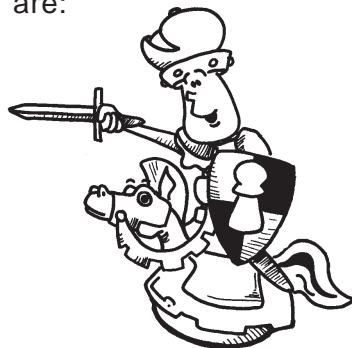
MONTREAL ONLINE

The first online event organised and rated by the *Chess'n Math Association* was held on May 22. There were 98 participants in the Montreal-based tournament. First prize in the top section went to David Zhou. Chistopher Yu was second and Christophe Dufresne third. Winners in the other sections with perfect 5 out of 5 scores were Aiden Lu, Alex Zhao, William Dickey, and Kirill Evenko.

WORLD CHAMPIONSHIP

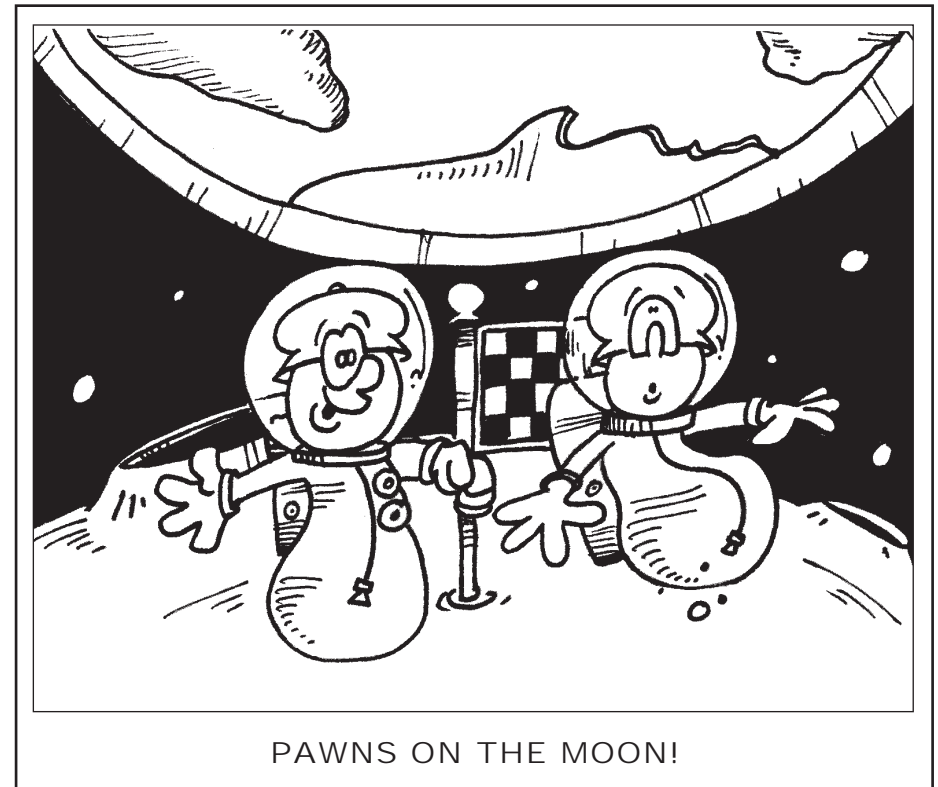
The *Candidates Tournament* to determine the next challenger for world champion Magnus Carlsen was stopped on March 26 to allow participants to leave Russia before travel restrictions took effect. The event will eventually be continued. The current scores, with 7 of 14 rounds completed, are:

Maxime Vachier-Lagrave	France	4½
Ian Nepomniachtchi	Russia	4½
Fabiano Caruana	USA	3½
Anish Giri	Netherlands	3½
Wang Hao	China	3½
Alexander Grischuk	Russia	3½
Ding Liren	China	2½
Kirill Alekseenko	Russia	2½



Teimour Radjabov (Azerbaijan) had qualified to play in the event, but refused to take part because of the pandemic. He was replaced by GM Vachier-Lagrave.

BREAKING NEWS!



For the first time in nearly 50 years, Earthlings have landed on the moon. Two pawns, known only as A and B, made the historic flight aboard their *Galaxy 500* rocketship, setting down in the *Sea of Tranquility* on June 3rd.

The mission, sponsored by the *Chess'n Outer Space Association*, is the first stage of a longterm project to promote chess throughout the solar system.

Both pawns received training at the *National Academy of Student Astronauts* and were selected from a group of sixteen candidates.

An internet video clip of them walking on the moon went viral after A said to B, "So who are we supposed to play chess with?"



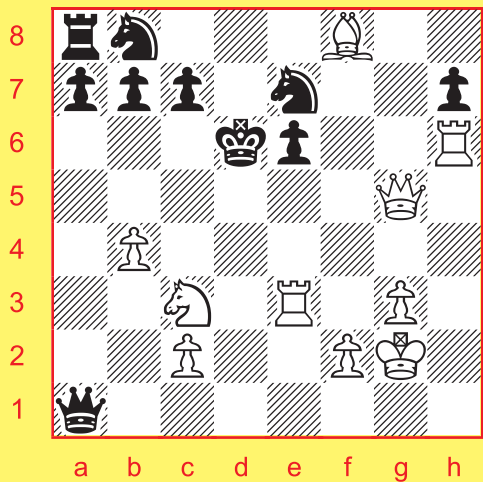
CHECKMATES



WHITE TO MOVE

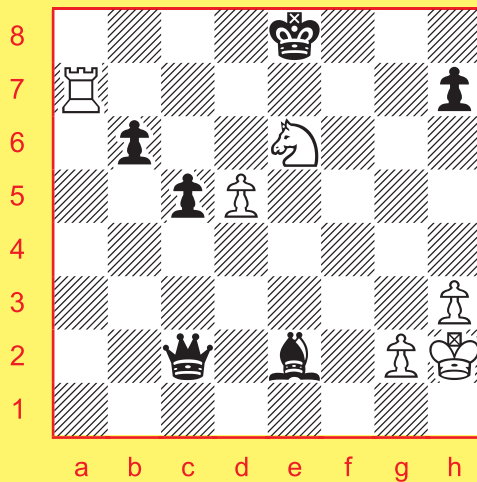
solutions page 47

1



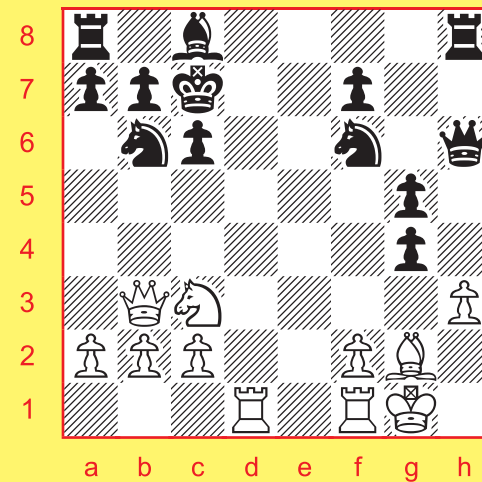
MATE IN 1

2



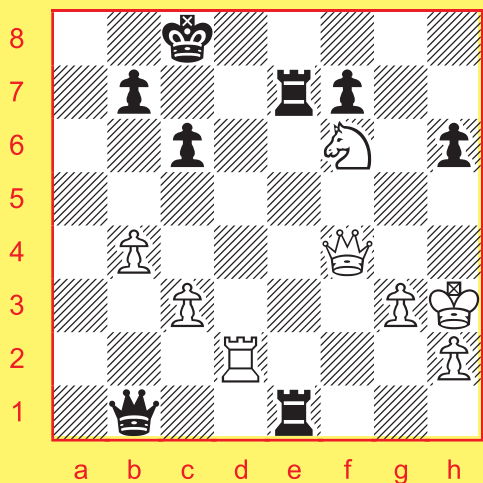
MATE IN 2

3

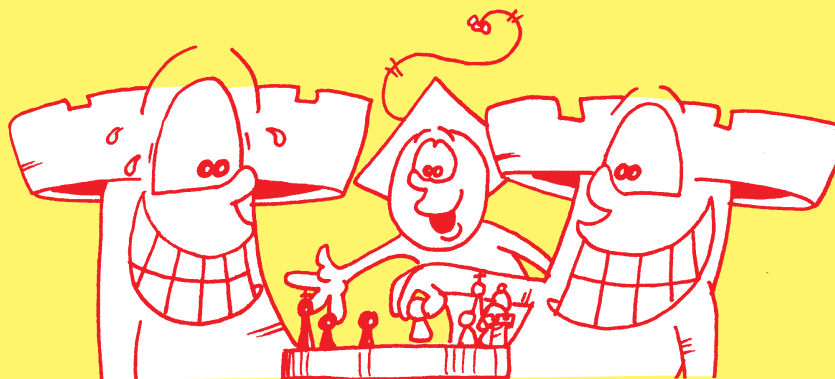


MATE IN 2

4

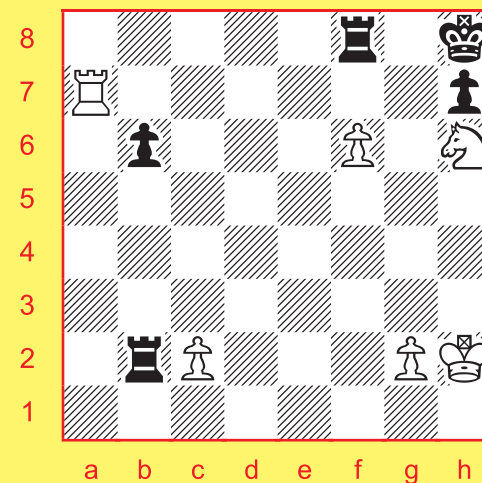


MATE IN 2



"Wow! Nice move."

5



MATE IN 3

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Chess Organization*

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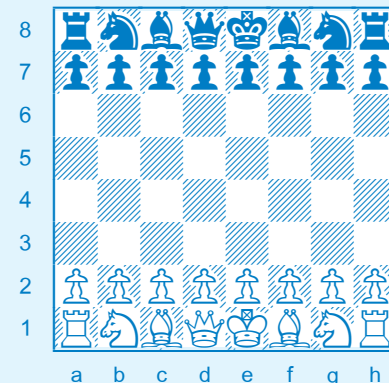
www.chess-math.org

Check it out!

LILY'S PUZZLER

Hi boys and girls!

In these 3 puzzles, we have to make up chess games. But here is the catch. The games must end in mate by a certain piece on a certain square in an exact number of turns. Good luck!



solution page 47

A

Make up a game that ends with the move 3.Qxe5#.

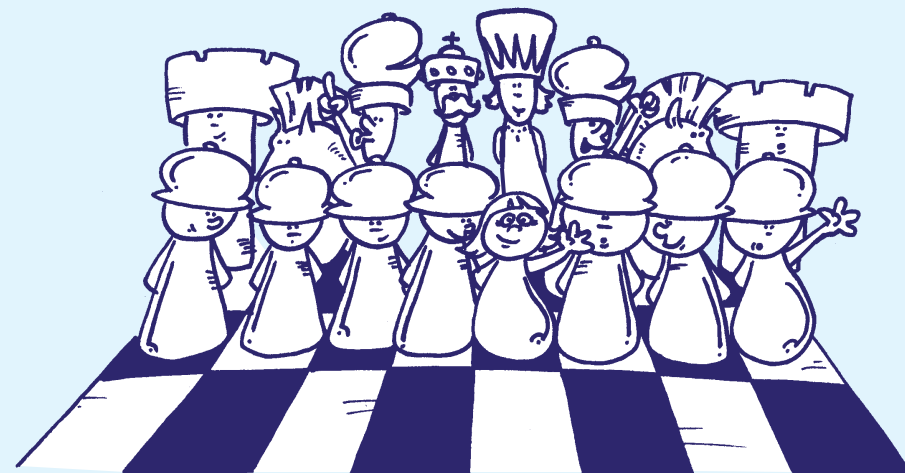
B

Make up a game that ends with the move 4.Bb5#.

It may not be a capture (Bxb5#).

C

Make up a game that ends with the move 4...Bb7#.



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

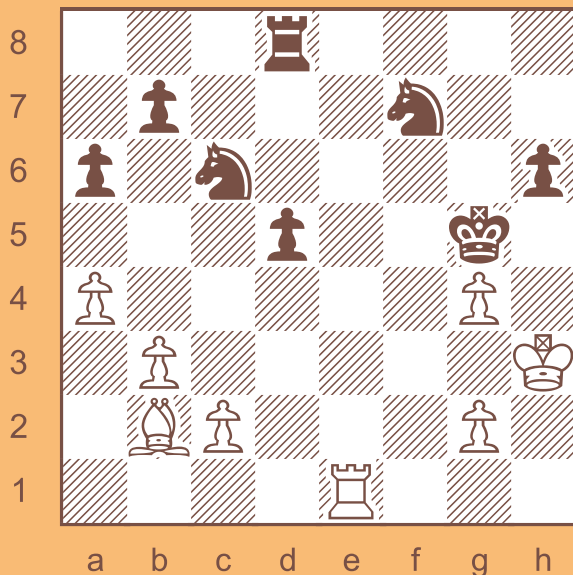
You can write me a letter
or enter my contest at:

kiril@chess-math.org

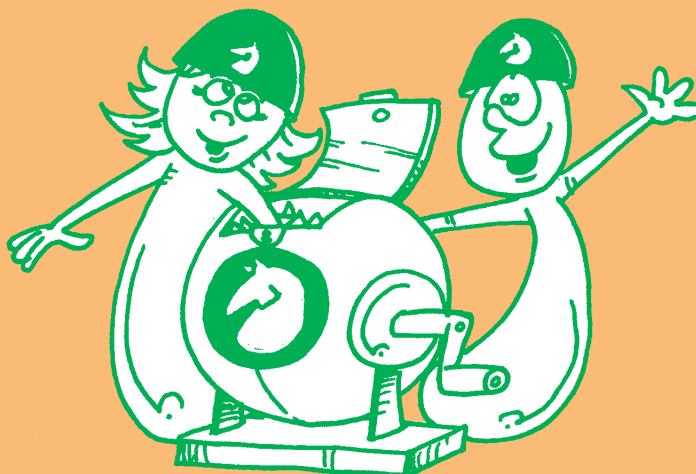


KIRIL'S KONTEST

1



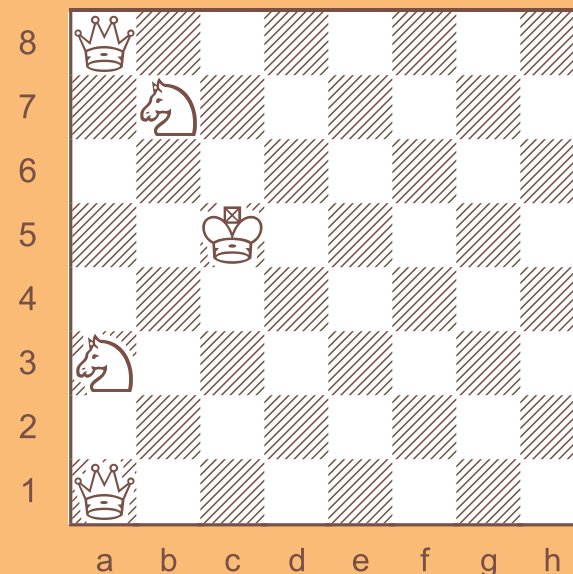
MATE IN 2
White to play.
Force checkmate
in two moves.



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

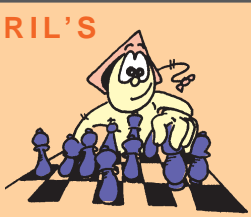
Deadline: September 1, 2020

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

There were 5 correct entries for March's contest.

- 1 Mate in 2 1.Qh8+ Rxh8 2.Rxh8#
- 2 Triple Loyd A.Ke1# B.Kg1= C.Kb6 (1.R2a6#)

The winners of the drawing for
a set of pencils and a key chain are
Karina, Benjamin, & Gabriel Zdunich of Ottawa



HOW DO YOU ZOO?

Welcome to the zoo, friends! All the animals are here. Wild beasts and strange creatures from around the world, ready to smile and entertain you. Good times and sunny skies. It's all happening at the zoo.



But there are always two sides to a story. It's true. Life at the zoo really isn't so wonderful. Not if you are one of the animals.

Their cage is their home. Sadly, they are not allowed to go anywhere. No school, no shopping, no vacations, no chess tournaments!

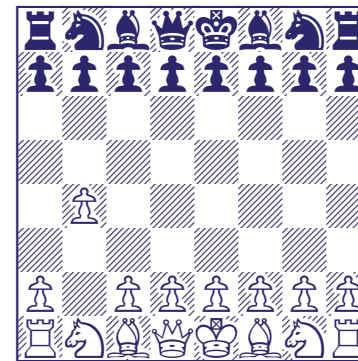
Lucky thing there's the internet. Now the smart animals all have computers and spend their free time online, chatting with friends and playing chess.

The best player at the zoo is a young orangutan named Tang. In life, he's quite tame and peaceful. But on the chessboard, he's wild and aggressive. Watch out.

His opponent in the following game is Taffy, champion of the giraffes. Tall, tan, and talented, she is no slouch.

White TANG ORANGUTAN
Black TAFFY GIRAFFE

1. b4



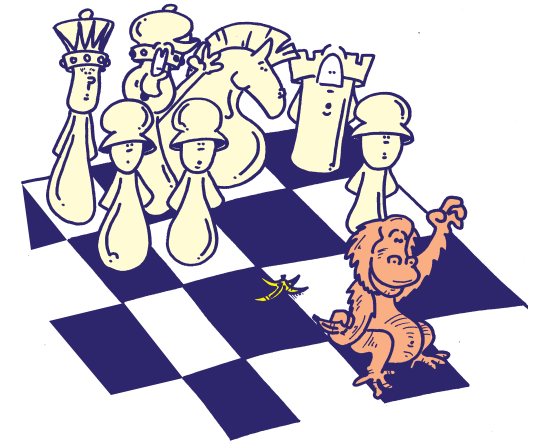
ORANGUTAN OPENING

An odd looking move, but the strategy is sound. White will fight for the centre with a bishop fianchetto on b2.

The opening got its name in 1924 at a tournament in New York, inspired by an orangutan from the Bronx.

1. . . . e5

Other choices are 1...d5 2.Bb2 Nf6 3.Nf3 Bf5 4.e3 e6 5.c4!? and 1...Nf6 2.Bb2 e6 3.b5 d5 4.Nf3 Be7 5.e3 0-0 6.c4 with equal positions.

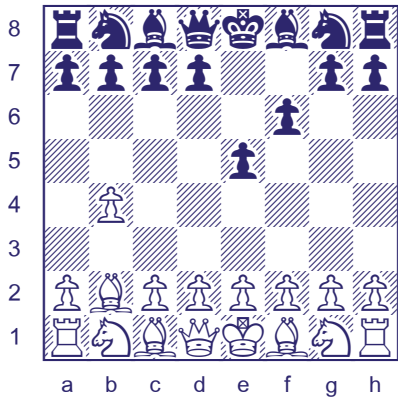


2. Bb2 f6

Black protects her e-pawn and sets up a barrier along the long dark diagonal.

More common is 2...Bxb4 3.Bxe5 when White is glad to exchange a pawn on the wing for one in the centre. The game normally goes 3...Nf6 4.c4 0-0 5.Nf3 Nc6 6.Bb2 d5 7.e3.

Defending by 2...Nc6? is a blunder that loses a pawn after 3.b5! Nd4 4.e3 Ne6 5.Bxe5. Oops.

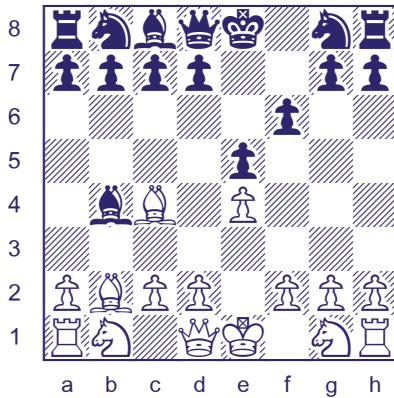


3. e4!?

But Tang never plays it safe. He turns the opening into a gambit, sacrificing the pawn for quick development and the hope of a strong attack.

3. ... Bxb4

4. Bc4



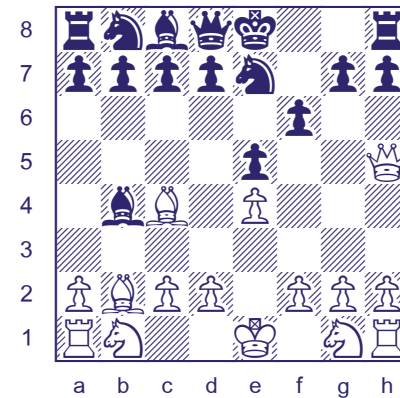
Now the white b-pawn is under attack. The safe line is 3.b5. After Black builds up their centre by 3...d5 4.e3 Be6, White counters with 5.Nf3 Bd6 6.d4 e4 7.Nfd2 Nd7 8.c4, reaching a position that resembles the French Defence with colours reversed.



The white bishop takes command of the diagonal leading to g8, preventing Black from castling.

4. ... Ne7

5. Qh5+



The advance of the f-pawn opened the e8-h5 diagonal. Now 5...Kf8 6.Qf7# is mate!

5. ... Ng6

If 5...g6, White should play 6.Qh4. Then 6...d5 is met by 7.exd5 Nf5? 8.Bb5+! c6 9.Qxb4 cxb5 10.Qxb5+ (or 6...Nec6 by 7.a3).

The line 5...g6 6.Qh6? d5! favours Black (7.Bb3 dxe4 or 7.exd5? Nf5 8.Qh3 Nd4).

6. Nf3

Tang develops a knight and threatens 7.Nh4.

6. ... Nc6

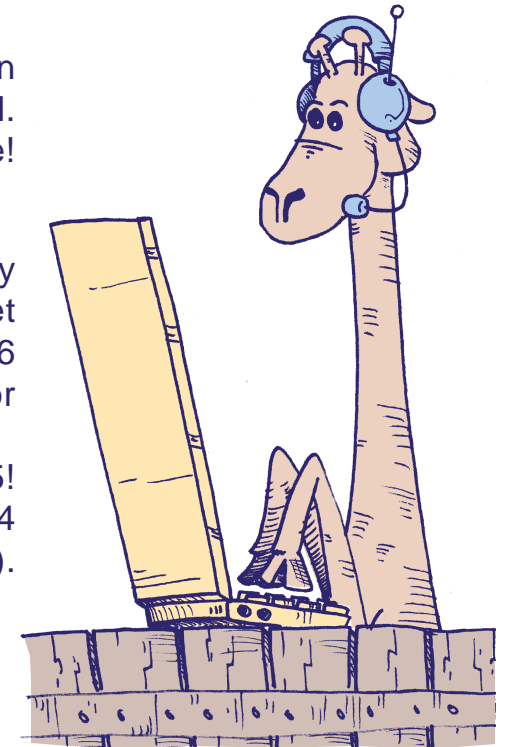
Taffy develops a knight and is ready to defend against 7.Nh4 with 7...Nce7.

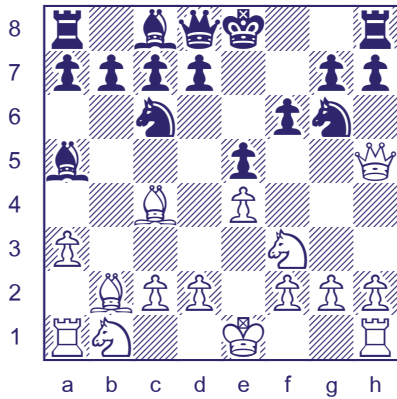
7. a3

The orangutan forces the giraffe to retreat her bishop. His plan to attack the black king works better with the bishop on the 5th rank.

7. ... Ba5

After 7...Bc5, White plays 8.Nc3 and then castles. Worse is 7...Be7 8.Nh4!





8. Nc3 d6

Taffy opens a diagonal for the bishop on c8.

A safer defence was the ugly 8...Kf8!?, with a level position after 9.0-0. Black is up a pawn. White has active pieces and an attack. Who would you rather be?

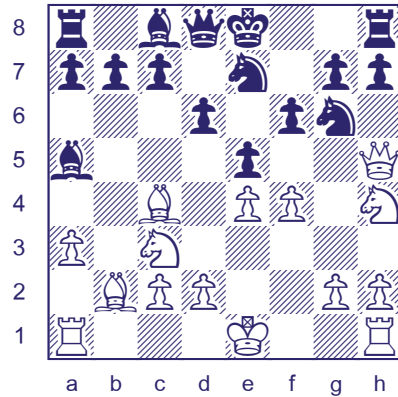
9. Nh4

Tang targets the pinned knight on g6.

9. ... Nce7

10. f4

Threatens to win by 11.f5. Black cannot take because of 11...exf5? 12.Qxa5.

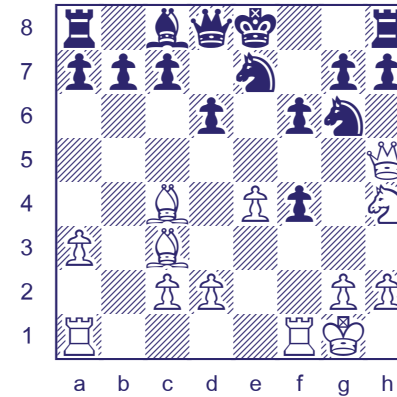


10. ... Bxc3

Taffy stretched her neck, took a long look around, and decided to trade minor pieces. That way she could capture the pawn on f4.

11. Bxc3 exf4

12. 0-0



Tang is down two pawns, but his lead in development continues to grow and the pawn on f4 will soon fall.

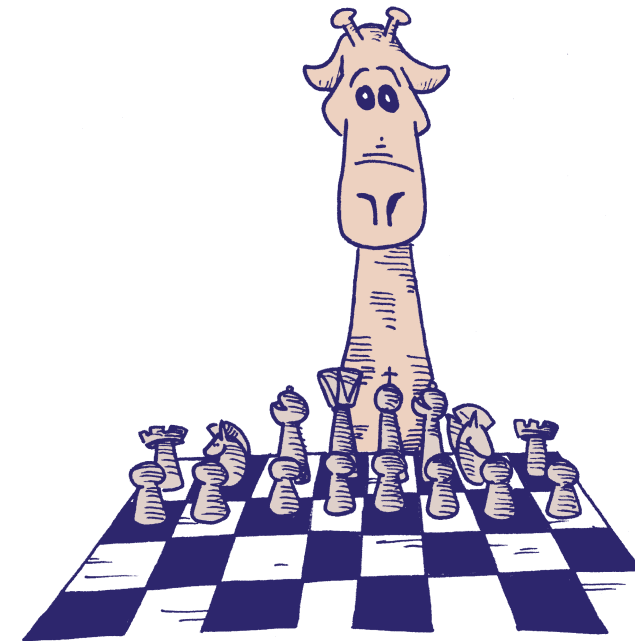
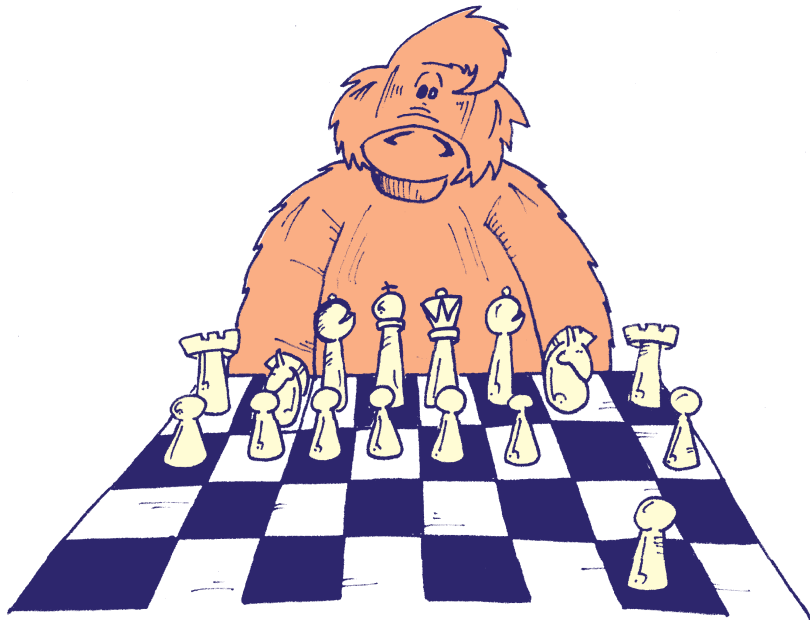
12. ... Bd7

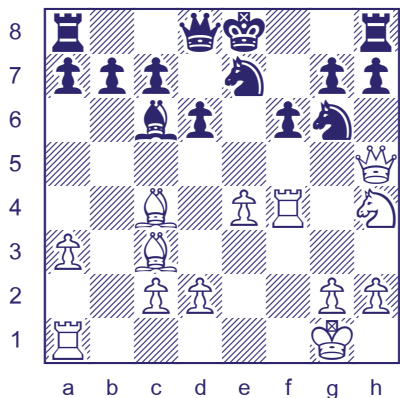
13. Rxf4 Bc6?!

Finally the giraffe gets her bishop out. Too bad it's too late to stop the attack.

But perhaps there is a ray of hope. It seems that Tang was having some sort of a technical problem with his laptop.

Like most orangutans, he is skeptical of changes. So he didn't update his chess software recently. Uh-oh!





14. Nf5!

Luckily for Tang, it was just a weak internet signal that was causing the problem.

He moved to the far corner of his cage where the signal is stronger and everything worked fine.

Unfortunately for Taffy, the move on the board is also very strong, attacking g7.

14. . . . Kf8

The king guards the pawn. There are no good options.

14...Nxf5 loses a piece to 15.exf5 Qe7 16.fxf6.

Running for safety on the queenside by 14...Kd7 runs into trouble. 15.Be6+! Kxe6 16.Nxg7+. Then Black has a choice between 16...Kf7 17.Rxf6+ Kxg7 18.Rxg6+ or 16...Kd7 17.Qg4+ f5 18.Rxf5!

15. Bxf6

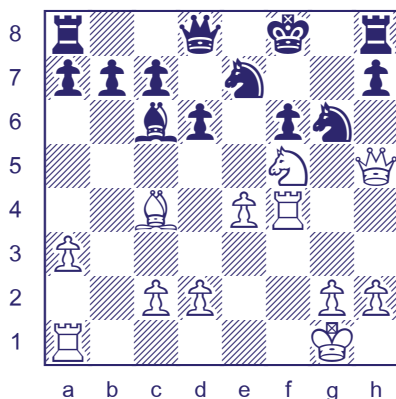
KABANG! Orangutan Tang is breaking through.



The sacrifice 15.Nxg7 also wins (15...Kxg7 16.Bxf6+).

15. . . . gxf6

So many threats. What else can the giraffe do?



mate in 3

Before his next move, Tang sat back and admired his position for a moment, the way that great apes do.

16. Qh6+ Ke8

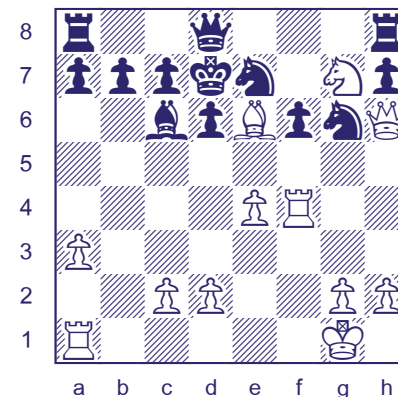
17. Ng7+ Kd7

(17...Kf8 18.Rxf6#)

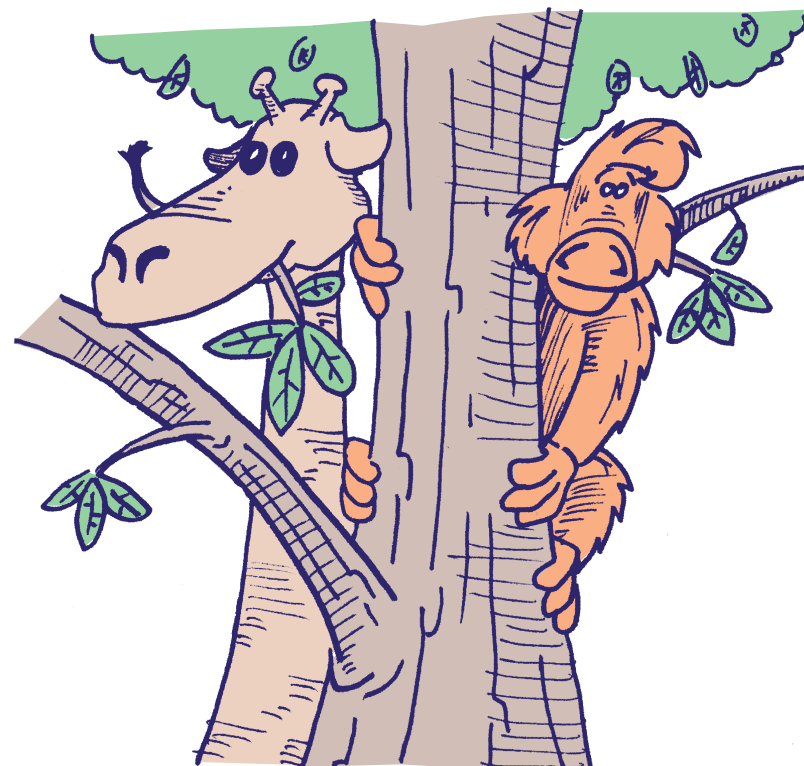
18. Be6#

Taffy texted her opponent to say, "Good game, Tang!"

The orangutan replied with a happy face and "thx".



As always, the giraffe was sincere when she added, "I hope that we can play together in person someday." "Me 2, Taff!"



It's all happening at the zoo. Come and see. The animals will love it if you do.

FACT SHEET

ORANGUTANS

Orangutans live in the rainforests of Borneo and Sumatra, two large islands in Southeast Asia.

Orangutans have orange hair, but the origin of their name is not the word 'orange'. In the Malay and Indonesian languages, 'orang' means "person" and 'hutan' means "forest". So an orangutan is a "person of the forest".

The DNA of orangutans and humans is 97% the same. Both are classified as "great apes".

Orangutans have opposable thumbs on their hands and feet.

An orangutan's long arms can stretch 2 metres wide, from finger tip to finger tip.

Orangutans are vegetarians and spend most of their time in trees.

There are approximately 110,000 orangutans living in the wild and about 900 in captivity.

Orangutans are an endangered species. The biggest danger to their survival is we humans.

Orangutans are very powerful, but in general they are not a danger to humans. Some people even keep them as pets.

The Orangutan Opening, 1.b4, was given its name by grandmaster Saveilly Tratakower in 1924. It is also called the Polish or Sokolsky Opening.

FACT SHEET

GIRAFFES

Giraffes live in the grassy woodlands of eastern and southern Africa.

Giraffes are the tallest animals in the world. Some are nearly 20 feet tall (6 metres).

Giraffes have the longest legs, necks, and tails of any land animal.

Giraffes are the third heaviest land animal, after elephants and rhinos. They weigh as much as 2000 kilograms (4250 pounds).

Giraffes have a dark blue tongue that is over 50 cm in length. Among land creatures, only chameleons and anteaters have longer.

Giraffes are vegetarians and love to eat leaves, twigs, fruit, and grass.

Giraffes can run 60 km per hour, faster than horses.

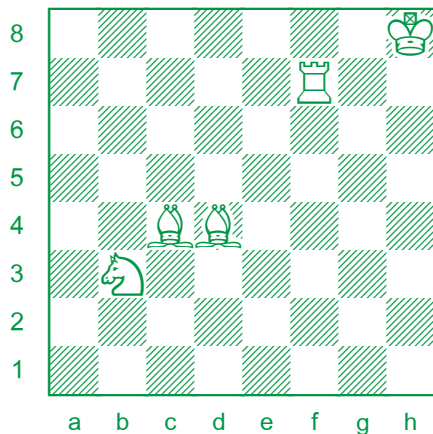
Baby giraffes are 6 feet tall when born and are able to run a few hours afterwards.

There are approximately 100,000 giraffes living in the wild and about 1600 in zoos.

Giraffes only sleep 2 hours per day. Most of their sleep consists of short naps.

You will not find it in a normal set, but a giraffe is a chess piece that moves like a knight. But instead of going '2 squares and 1 over', it goes '4 squares and 1 over'. It is used in "fairy problems".

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.



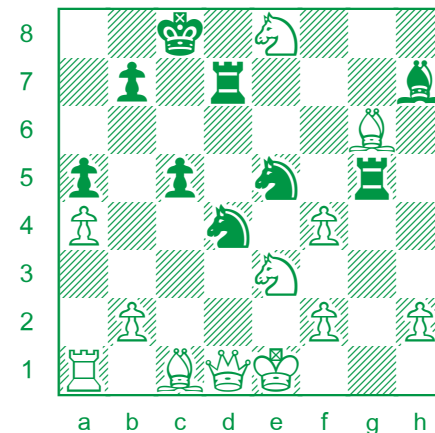
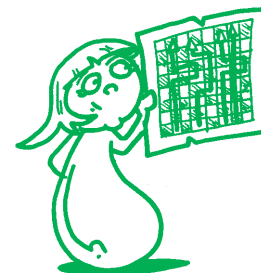
Living Chess 1995

Kensington School, Toronto



Cheshire Cat. In Memory of Bygone Friends.

chess maze



QUEEN MAZE IN 16

Only the white queen moves. Capture the black king in sixteen moves (or less) without taking any pieces or moving to a square where the queen can be taken. Black does not get a turn.

solution page 47

ONTARIO TOP TEN

KINDERGARTEN

1 PAN Julian	660
2 ZHU Edison	645
3 MUTYALAPATI Modith	552
4 LIU Zipei	463
5 LI Jonathan	458
6 WANG Alan	440
7 PU Tianyo	436
8 KANDAVADIVEL Nakshatra	364
9 LAWLOR-KNOWLES Freddie	362
10 FERJANI Yunis	359

GRADE 1

1 KATS Daniel	884
2 YAO Mike	868
3 QIAN Ashley	763
4 ZHU Elber	748
5 CHEN Tymon	730
6 MASLOV Yan	619
7 JAI Catelyn	611
8 HAN Joshua	561
9 NGUYEN Dinh Phong	524
10 MOSES Niam	511

GRADE 2

1 NAIBOGLU Onur	1250
2 TSO Justin	1194
3 GAO Heye	1125
4 AJITH Aarush	1094
5 HUANG Justin	1075
6 WANG Andy	1013
7 YEE Matthew	998
8 DESHPANDE Sarthak	916
9 XING Percy	912
10 XIE Ethan	905

GRADE 3

1 ZHONG Ryan	1360
2 CHEN Rae	1200
3 DUANMU Isaac	1138
4 MENDES Aaron	1122
5 DOMINGUEZ GONZALEZ Antonio	1093
6 WANG Arthur	1009
7 NG Kai	994
8 ZHOU Felix	962
9 ISSANI Nameer	960
10 LI Aiden	959

GRADE 4

1 TSENG Bradley	1427
2 LAU Joshua	1308
3 CHEN Vincent	1279
4 YAO Henry	1271
5 FENG Benjamin	1209
6 LAU Jayden	1180
7 LI Andrew	1158
8 GUO Richard	1143
9 PUGACH Daniel	1096
10 MANE Arnab	1096

GRADE 5

1 QU Greta	1620
2 HAN Johnathan	1465
3 XU Alex	1461
4 WANG Nathan	1456
5 GAO Lucy	1387
6 ZHU Austin	1308
7 YANG Larry	1304
8 LUO Albert	1271
9 LI Gabriel	1260
10 XIE Daniel	1259

GRADE 6

1 ATANASOV Anthony	2308
2 NING Eric	2239
3 XU Daniel	2135
4 YUEN Noah	1595
5 HUA Michelle	1560
6 LI Adam	1546
7 ZHONG April	1522
8 HUANG Richard	1495
9 COAT Sven	1485
10 LIU Aaron	1434

GRADE 7

1 CHEN Max	2370
2 ZHAO Jeffrey	2180
3 LIU Henry	2056
4 AJITH Aayush	2044
5 HUANG Youhe	1972
6 SHARMA Vishruth	1962
7 ZHU Matthew	1588
8 XIE Austin	1558
9 WU Benjamin	1553
10 CHENG Adrien	1541

GRADE 8

1 RUSONIK Max	2278
2 ISSANI Nameer	2271
3 KANG Dorian	2267
4 BUI Alan	2074
5 GAO Raymond	2044
6 NOOR ALI Aahil	1997
7 JEYAKUMAR Bhavatharshan	1703
8 SRINIVAS Atharva	1670
9 JACOBS Michael	1620
10 XIE Joanna	1500

GRADE 9

1 MAO Fengxi	2093
2 ENGLAND Max	2050
3 ZHAO Jeffrey	2044
4 ZHAO Jonathan	1614
5 DURHAN Batuhan	1587
6 WANG Michael	1541
7 QIAO Joey	1528
8 WU Ingrid	1508
9 GUO Hazel	1484
10 CHEN Hao	1479

GRADE 10

1 VETTESE Nicholas	2411
2 LIN Benjamin	2128
3 PAPNEJA Arul	1876
4 RAZZMAN Ruven	1691
5 MIRABELLI Aidan	1653
6 YANG Fan	1641
7 WASHIMKAR Arhant	1584
8 HE Emma	1575
9 RAMESH Sanjay	1509
10 ZHENG Alan	1498

GRADE 11

1 TALUKDAR Rohan	2505
2 HUA Eugene	2478
3 DEMCHENKO Svitlana	2318
4 ZHANG Henry	2239
5 GAISINSKY Adam	2234
6 SURYA Benito	2207
7 FENG Richard	2060
8 BU Kevin	2022
9 LIU Daniel	1978
10 QIAO Cindy	1776

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 ATANASOV Anthony	2308
9 CAI Jason	2289
10 RUSONIK Max	2278

QUEBEC TOP TEN

KINDERGARTEN

1 CHEN Yu Xuan	1100
2 RONDON MORA Raul	769
3 DEMOTTE Kamil	579
4 WEI Lucas	564
5 DANDONA Milan	423
6 ZHANG Anyu	419
7 XU David	414
8 LI Jason	407
9 RAMESAN Raunak	389
10 PAUZE Noah	381

GRADE 1

1 CERICOV David	944
2 WANG Lucas	791
3 CRACIUN Julie	735
4 GHATTAS Samuel	656
5 PICHETTE Leo	626
6 TSUKERMAN Leon	617
7 MASSIE Kinan	613
8 XU Brendan	601
9 BULAKH Tim	599
10 KIRILENKO Anastacia	597

GRADE 2

1 JUTRAS Arnaud	1180
2 IVANOV-YUAN Maksim	1119
3 LOPEZ Alejandro	1072
4 TANG-HAN Sean	1044
5 ZHAO Alex Entong	1008
6 WEI Zihua	1008
7 FANG Johnny	1004
8 RAMOS Heidi	972
9 BAI Noah	879
10 CHEN Baige	874

GRADE 3

1 GUILLEMETTE Hugo	1451
2 QIN Weixuan	1207
3 WANG Edouard	1178
4 HU Richard	1165
5 ZHOU Xiaoran	1160
6 SYCHEV Danila	1147
7 DUVAL Mathieu	1130
8 BOURAS Yasser	1041
9 WU Ryan	995
10 DU Gavin	990

GRADE 4

1 CHEN Chen	1434
2 LIU Lucas	1400
3 GEORGESCU-NICOLAU Luca	1238
4 ZHANG Michael	1221
5 KANG Huaipu	1185
6 XIE Fei	1151
7 MURALI Dhruv	1112
8 IORDANESCU Victor	1093
9 RAMAMONJISOA Nikita	1061
10 LI Kipper	1050

GRADE 5

1 YAN Alex	1686
2 JIANG Barron	1497
3 LI James	1476
4 KOT Emanuel	1422
5 LIU Eric	1345
6 LI Zimo	1323
7 RAMOS Michelle	1234
8 DUFRESNE Christophe	1225
9 LI Travis	1210
10 FOURNIER William	1194

GRADE 6

1 ZHONG Kevin	2336
2 LATORRE Vincent	1707
3 HU Raymond	1558
4 ADAM Rafael	1548
5 BOCAN Richard	1533
6 CHANG Alexander	1526
7 CHAPDELAIN Gwyn	1525
8 HE Zekai	1407
9 RAMAMONJISOA Sacha	1323
10 ROY Benjamin	1319

GRADE 7

1 ZHENG Richard	2272
2 ZHANG Chu Hang	2158
3 WANG Rachel	1839
4 GUIPI BOPALA Prince	1802
5 LIU Kevin	1545
6 PIGOT Mikael	1396
7 BATORSHYN Iliia	1384
8 NAVALA Anthony	1353
9 CAO Edgar	1322
10 LI Zhongxuan	1296

GRADE 8

1 CRACIUN David	1813
2 TSUKERMAN Julia	1737
3 OMICHI Haruaki	1614
4 LEI Storm	1531
5 HE Jiaqi	1489
6 FERNANDEZ BUSTO Edouard	1378
7 ZHONG Ziyi	1355
8 WEI Hunter	1352
9 GONZALEZ Tristan	1325
10 FARAHDEL Anahita	1323

GRADE 9

1 HUANG Qiuyu	2475
2 TANAKA Tyler	2357
3 RICHARD Leo	2085
4 WU Tony	2068
5 YU Daniel	1668
6 WANG Isabelle	1627
7 HALL Arturo	1568
8 LAROCHE Hugo	1525
9 BERCUVITZ Tani	1401
10 LIU Owen	1340

GRADE 10

1 RODRIGUE-LEMIEUX Shawn	2681
2 DURETTE Francis	2228
3 ZHONG Wenxuan	1991
4 YU Xi Ming	1666
5 DEMERS Alexis	1626
6 ZHOU David	1480
7 LIU Robert	1422
8 MAI William	1375
9 WANG Caroline	1334
10 SHI Leo	1301

GRADE 11

1 TINICA Gabriel	2070
2 GUAN Zi Yu	1608
3 LATREILLE Etienne	1566
4 TSYPIN Allison	1513
5 ZHAO William	1512
6 KIRYAKOV Marin	1426
7 ROUILLON Maxime	1413
8 CAI Susan	1286
9 YU Alec	1284
10 LI Xuan Xuan	1266

GRADE 12

1 OUELLET Maili-Jade	2405
2 LI Yi Lin	2144
3 IVAKHIN Mikhail	1988
4 ZHANG Hou Han	1744
5 AZAR Sebastien	1717
6 TURGEON Yoakim	1658
7 LI Yi Zhou	1343
8 SHEN Xin Cheng	1330
9 ROY Leandre	1294
10 CHEN Oscar	1259

HONOUR ROLL

1 RODRIGUE-LEMIEUX Shawn	2681
2 HUANG Qiuyu	2475
3 OUELLET Maili-Jade	2405
4 TANAKA Tyler	2357
5 ZHONG Kevin	2336
6 ZHENG Richard	2272
7 DURETTE Francis	2228
8 ZHANG Chu Hang	2158
9 LI Yi Lin	2144
10 RICHARD Leo	2085

ATLANTIC TOP TEN

GRADE 1 / KINDERGARTEN *

1	ZHANG Michelle	809	NS
2	DOEMER Andreas	784	NB
3	SYED Juveria	768	NS
4	GOWDA Abhina *	458	PE
5	TAIANI Matteo	444	NS
6	ARDLEY Jonah	441	NS
7	SHI Olivia *	428	NS
8	MERCER Simon	420	NS
9	RYAN Andrew	403	NF
10	CORMIER Michaël	398	NB

GRADE 2

1	MARCHAND Calix	1103	NS
2	GUO Channing	998	PE
3	CHEN Jason	780	NS
4	SYED Hamza Ali Ahmed	760	NS
5	PITTMAN Luke	681	NF
6	JUSTASON Magnus	677	NB
7	HU Leon	550	NS
8	YOUNIS Zain	523	NS
9	EYRES Alex	510	NB
10	GREEY Matthew	491	NF

GRADE 3

1	GOWDA Ankush	948	PE
2	MORRISON Oskar	937	NS
3	BALAKRISHNAN Shreyas	917	NS
4	ROBTAILLE Samuel	706	NB
5	LIU Darrin	694	NB
6	MCKIM Satya	603	NF
7	FILLMORE Louis	587	NS
8	CHELAMKURI Srinath	580	NS
9	TIWANA Sarghi	554	PE
10	NADOUR Andrew	536	NS

GRADE 4

1	WANG Ivan	1024	PE
2	WANG Sam	976	PE
3	BOURASSI Sam	951	PE
4	LEBLANC Zachary	902	NB
5	MEANEY Luke	777	NS
6	HU Jinqi	765	NS
7	FU Adrian	754	NS
8	YAN Henry	724	NS
9	SIBIRYAKOV Kim	721	NS
10	MITTAL Rachit	700	NS

GRADE 5

1	WANG Andy	1350	NS
2	ZHANG Brian	1203	NS
3	FU Zihe	992	PE
4	NOROVSAMBUU Emma	941	NS
5	DAIGLE Xavier	915	NB
6	WEN Kevin	869	NS
7	LEVEILLE Zachary	857	NB
8	JANES Millie	844	NF
9	STEPANOV Tymur	841	NS
10	KOMIAK Jacob	839	NF

GRADE 6

1	SALAH Alan	1067	NF
2	WINFIELD Jordan	901	NS
3	SHAFI Omar	884	NS
4	SHEPPARD Jacob	881	NF
5	ALLEN Jack	876	NB
6	BOYCE Drala	866	NS
7	RUSANOVSKIY George	826	NS
8	WADLAND Daniel	816	NF
9	MCINTYRE Malcolm	771	PE
10	GREEN Jeremy	769	NB

ROOKIE ROLL top K-6

1	WANG Andy	1350	NS
2	ZHANG Brian	1203	NS
3	MARCHAND Calix	1103	NS
4	SALAH Alan	1067	NF
5	WANG Ivan	1024	PE
6	GUO Channing	998	PE
7	FU Zihe	992	PE
8	WANG Sam	976	PE
9	BOURASSI Sam	951	PE
10	GOWDA Ankush	948	PE

GRADE 7

1	SULLIVAN Madoc	1484	NS
2	FANG Evan	1181	NF
3	ANWAR Muhammad	1051	NF
4	PAMUNUWE GEDARA Udan	1010	PE
5	WANG Suri	975	PE
6	FARHAT Taim	972	NS
7	DICKIE Luke	948	PE
8	ZAHRA Zen	918	NB
9	FARQUHAR Allister	913	NS
10	MCINTYRE Duncan	909	PE

GRADE 8

1	DENG Tommy	1427	NS
2	UPPAL Neil	1369	NS
3	BHATT Tanish	1248	NF
4	MACEACHERN Seamus	1104	PE
5	VELJANOVSKI Kiro	1083	NB
6	KAPADIA Arnab	1057	NS
7	BENNETT Matthew	1055	NS
8	MAO Chris	1054	PE
9	LOCKE Sebastian	1031	NF
10	DI Zhihao	1012	NS

GRADE 9

1	KAPRA Jerjis	1806	NS
2	LEBLANC Alexandre X.	1410	NB
3	RUSSELL Mark	1364	NF
4	GAO Jiarui	1324	NS
5	DORMODY Peter	1180	NF
6	LOTY Ezekiel	1155	NS
7	NGUYEN Kevin	1141	PE
8	ZAHRA Ismail	1038	NB
9	YANG Max	1016	NB
10	TIBBO Jacob	999	NB

GRADE 10

1	KUNDU Arnab	1413	PE
2	MEMET Ryan	1259	NS
3	BELL Amos	1172	NB
4	BLANCHETTE Luc	1132	NB
5	BABCOCK Simon	1123	NS
6	CHEN Norman	1100	NF
7	HEO Roy	1017	NB
8	FARHAT Zein	1008	NS
9	PENG Ben	952	NS
10	LANTZ Graydon	935	NB

GRADE 11

1	CUI Cynthia	1956	NB
2	DORNIEDEN Jonas	1574	NS
3	RUSSELL Brett	1418	NF
4	CAPELLO Jordan	1191	NB
5	BURTON Jacob	1190	NF
6	NAKAYASU Rikuto	1186	NS
7	CRUICKSHANKS Braedon	1095	NS
8	LOTY Eric	1092	NS
9	LLEWELLYN Breanne	1058	NS
10	MAY Skyler	989	NF

GRADE 12

1	MERRIGAN Daley	2056	NF
2	HUANG Xingbo	1634	NF
3	CUI Leonardo	1510	NB
4	CHANDRAKANTH Nandan	1340	NF
5	ROOKARD Kalen	1335	NS
6	MITTAL Ridhi	1271	NS
7	NGUYEN Quang	1198	NB
8	DUMITRU Robert	1158	NS
9	SUN Tyler	1115	NB
10	NGUYEN Alvin	1085	PE

HONOUR ROLL

1	MERRIGAN Daley	2056	NF
2	CUI Cynthia	1956	NB
3	KAPRA Jerjis	1806	NS
4	HUANG Xingbo	1634	NF
5	DORNIEDEN Jonas	1574	NS
6	CUI Leonardo	1510	NB
7	SULLIVAN Madoc	1484	NS
8	DENG Tommy	1427	NS
9	RUSSELL Brett	1418	NF
10	KUNDU Arnab	1413	PE

WESTERN TOP TEN

KINDERGARTEN

1	XIE Harry	555	BC
2	NOOKALA Abhiroop	516	BC
3	PALANDE Sahil	496	BC
4	ZHU Alicia	490	BC
5	DENG Jeffrey	490	BC
6	KANG Jiayun	452	SK
7	LIN Daniel	401	BC
8	WEN William	375	BC
9	HE Aaron	359	BC
10	DENG Aileen	354	BC

GRADE 1

1	PERLA Manny	1030	AB
2	ZHANG Steven	965	BC
3	LOW Ethan	841	BC
4	DEGG Micah	813	AB
5	ZHANG Bryan	785	MB
6	SAJOSH Isaac	698	AB
7	ZHU Forrest	680	BC
8	AHUJA Shaan	678	AB
9	CHANG Steven	649	BC
10	BENTLEY Ryker	634	AB

GRADE 2

1	WU Nicholas	1195	BC
2	JOHNSON Joshua	1084	AB
3	YANG Nathan	1070	BC
4	NGUYEN An	1051	BC
5	JAIMAN Panshul	943	BC
6	JIN Linus	930	AB
7	HE Felix	899	AB
8	YE Oliver	897	BC
9	SURI Aarav	848	MB
10	WHITHAM Deimos	819	AB

GRADE 3

1	IVANESCU Matthew	1339	AB
2	GAO Justin	1331	BC
3	WANG Alan	1278	BC
4	MOK Erwin	1234	BC
5	KOO Minjun	1182	BC
6	QU Jayden	1179	BC
7	LU Aiden	1157	BC
8	ZHOU Joe	1072	MB
9	CHEN Zhengyu	1057	BC
10	WALKER Jarek	1024	AB

GRADE 4

1	TRAN Tri	1399	AB
2	BOROMAND AryaCyrus	1343	BC
3	YU Ryan	1288	BC
4	RUSSELL Wesley	1221	BC
5	LI Tony	1165	BC
6	GUO BiaoBiao Boyong	1101	BC
7	KOFMANSKY Matthew	1083	BC
8	EISENBERG Colette	990	BC
9	LI Anthony	972	BC
10	Bl Glenn	971	AB

GRADE 5

1	LIN Leo	1726	SK
2	WANG Ryan	1525	BC
3	SONG Ethan	1494	BC
4	DARVEKAR Yash	1420	AB
5	PUREVJAMTS Anu	1266	AB
6	JIN Alexander	1263	BC
7	HUANG Winston	1184	BC
8	HUANG Nico	1143	BC
9	ZOU Alex	1122	BC
10	RILEY Kai	1118	AB

GRADE 6

1	CHANDRA Anand	2215	AB
2	WANG Daniel	2219	BC
3	JIANG Eric	1552	BC
4	WU Nathan	1474	BC
5	PICHE Zachary	1423	MB
6	MOK Gillian	1411	BC
7	OFFENGENDEN Ron	1364	AB
8	SU Ethan	1322	BC
9	WONG Bowen	1319	BC
10	JIN Eric	1297	AB

GRADE 7

1	SRINIVASAN Hemant	1988	AB
2	HE Matthew	1461	BC
3	RIQUELME Martin	1455	MB
4	Bl Kairui	1447	BC
5	XU Andrew	1445	BC
6	JIANG Kate	1420	BC
7	QIN Kaiqi	1374	BC
8	LIU Eric	1344	BC
9	LIANG Eugene	1256	BC
10	SHU Luke	1243	BC

GRADE 8

1	WANG Paul	2074	AB
2	WINDRAM James	1747	AB
3	GU Chuyang	1708	BC
4	HUANG Ryan	1643	BC
5	WU Lucian	1543	BC
6	IMOO Joshua	1479	BC
7	IVANESCU Mark	1476	AB
8	BRAVO Erik	1471	BC
9	HOEKMAN Samuel	1447	AB
10	FURDA Ievgeniia	1417	MB

GRADE 9

1	HUANG Patrick	2256	BC
2	DOKNJAS Neil	2218	BC
3	TIAN Sherry	2112	BC
4	LOW Kevin	1952	BC
5	SUPERCEANU Andi	1707	AB
6	RUSSO Max	1539	MB
7	RIQUELME Nicolas	1523	MB
8	JAMES Rowan	1523	BC
9	LAU Julian	1521	AB
10	WANG Carl	1512	BC

GRADE 10

1	HEMSTAPAT Andrew	2545	BC
2	ZHAO Ian	2393	AB
3	ZHENG Victor	1798	BC
4	DU Daniel	1708	BC
5	NGUYEN KHOI Tran	1606	BC
6	SASATA Alexander	1512	SK
7	YU Christopher	1379	BC
8	MARSHALL Carter	1292	MB
9	WESSELS Rohan	1251	BC
10	CACAO Joaquin	1218	MB

GRADE 11

1	VASIC Maxim	2070	AB
2	YANG Brian	1948	BC
3	RICHARDSON Kai	1822	BC
4	WEI Daniel	1817	SK
5	WANG Kaixin	1757	AB
6	LOW Ethan	1714	BC
7	LEI Yanyu	1490	MB
8	CHITRAKAR Siddhartha	1473	AB
9	ECKERT Ethan	1442	MB
10	WANG Alex	1418	BC

GRADE 12

1	DOKNJAS Joshua	2492	BC
2	WOLCHOCK Theo	2338	MB
3	MA Derek	2299	MB
4	RANINGA Aditya	2102	AB
5	LEONG Ryan	2021	BC
6	LEHINGRAT Callum	1985	BC
7	GROSSMANN Lenard	1912	AB
8	YAO David	1808	AB
9	DAI Ray	1752	SK
10	TOLENTINO Patrick	1710	AB

HONOUR ROLL

1	HEMSTAPAT Andrew	2545	BC
2	DOKNJAS Joshua	2492	BC
3	ZHAO Ian	2393	AB
4	WOLCHOCK Theo	2338	MB
5	MA Derek	2299	MB
6	HUANG Patrick	2256	BC
7	DOKNJAS Neil	2218	BC
8	CHANDRA Anand	2215	AB
9	TIAN Sherry	2112	BC
10	RANINGA Aditya	2102	AB

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

Go to the "ratings" tab on the homepage menu, then click on "Ratings & Top players list":

www.chess-math.org/ratings

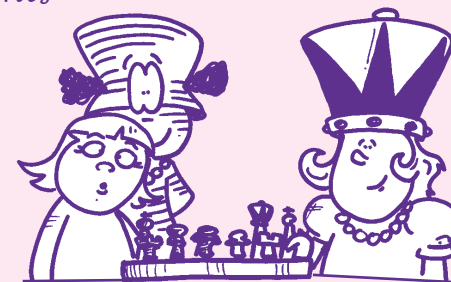
Once on the ratings page, with Kiril and the map of Canada, you can search ratings by name, province, age, or grade! You can also find a list of recently rated tournaments under the "ratings" tab. Click on the event ID number to see the crosstable.

For information on how to rate your tournaments:

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

Frizoon LePawn presents

TOP GIRLS CANADA



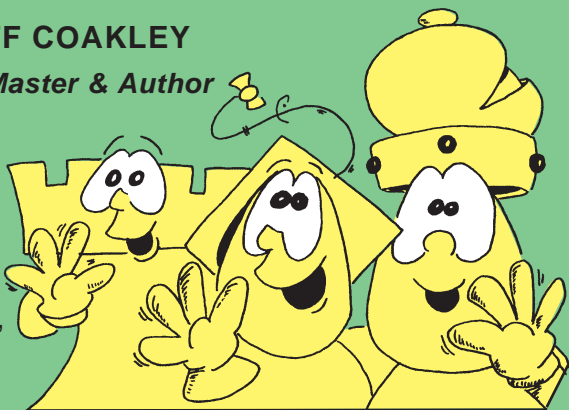
GRADE 1			GRADE 7		
1	ZHANG Michelle	809 NS	1	WANG Rachel	1839 QC
2	SYED Juveria	768 NS	2	JIANG Kate	1420 BC
3	QIAN Ashley	763 ON	3	LIN Angela	1372 ON
4	CRACIUN Julie	735 QC	4	JAIN Ankita	1194 ON
5	JAI Catelyn	611 ON	5	SURYA Dania	1182 ON
GRADE 2			GRADE 8		
1	NGUYEN An	1051 BC	1	TSUKERMAN Julia	1737 QC
2	RAMOS Heidi	972 QC	2	XIE Joanna	1500 ON
3	AL MORABET Arwa	806 QC	3	HE Jiaqi	1489 QC
4	ZHANG Baoyue	711 QC	4	SHEN Isamel	1444 ON
5	GAI Jennifer	708 ON	5	FURDA Ievgeniia	1417 MB
GRADE 3			GRADE 9		
1	CHEN Rae	1200 ON	1	TIAN Sherry	2112 BC
2	TIAN Eliza	1020 BC	2	WANG Isabelle	1627 QC
3	MYRZAIBRAIMOVA Alia	945 MB	3	WU Ingrid	1508 ON
4	LIU Zi	940 ON	4	GUO Hazel	1484 ON
5	MASLOV Ayla	861 ON	5	D'SOUZA Carina	1376 ON
GRADE 4			GRADE 10		
1	EISENBERG Colette	990 BC	1	HE Emma	1575 ON
2	GIASSON Coralie	985 QC	2	WANG Caroline	1334 QC
3	INOZEMTSEVA Milana	899 ON	3	TAN Kylie	1301 ON
4	SORGARD Abigail	896 SK	4	MATTINA Abby	1211 ON
5	CHEN Alina	896 ON	5	WONG Nicole	1152 AB
GRADE 5			GRADE 11		
1	QU Greta	1620 ON	1	DEMCHENKO Svitlana	2318 ON
2	GAO Lucy	1387 ON	2	CUI Cynthia	1956 NB
3	PUREVJAMTS Anu	1266 AB	3	QIAO Cindy	1776 ON
4	RAMOS Michelle	1234 QC	4	TSYPIN Allison	1513 QC
5	GUO Anni	1209 ON	5	CAI Susan	1286 QC
GRADE 6			GRADE 12		
1	HUA Michelle	1560 ON	1	OUELLET Maili-Jade	2405 QC
2	ZHONG April	1522 ON	2	LI Yi Lin	2144 QC
3	RUCHINSKAYA Valerie	1421 ON	3	PENG Sarah	1756 ON
4	LI Julia	1416 ON	4	BOTEZ Andrea	1686 BC
5	MOK Gillian	1411 BC	5	ZHOU Lily	1432 ON
PRINCESS PARADE			CANADIAN QUEENS		
1	QU Greta	1620 ON	1	OUELLET Maili-Jade	2405 QC
2	HUA Michelle	1560 ON	2	DEMCHENKO Svitlana	2318 ON
3	ZHONG April	1522 ON	3	LI Yi Lin	2144 QC
4	RUCHINSKAYA Valerie	1421 ON	4	TIAN Sherry	2112 BC
5	LI Julia	1416 ON	5	CUI Cynthia	1956 NB
6	MOK Gillian	1411 BC	6	WANG Rachel	1839 QC
7	GAO Lucy	1387 ON	7	QIAO Cindy	1776 ON
8	LI Annie	1277 QC	8	PENG Sarah	1756 ON
9	PUREVJAMTS Anu	1266 AB	9	TSUKERMAN Julia	1737 QC
10	GUO Andi	1237 ON	10	BOTEZ Andrea	1686 BC

WINNING CHESS For Kids

homepage of **JEFF COAKLEY**
Canadian Chess Master & Author

Information on
**Winning Chess
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Book Descriptions,
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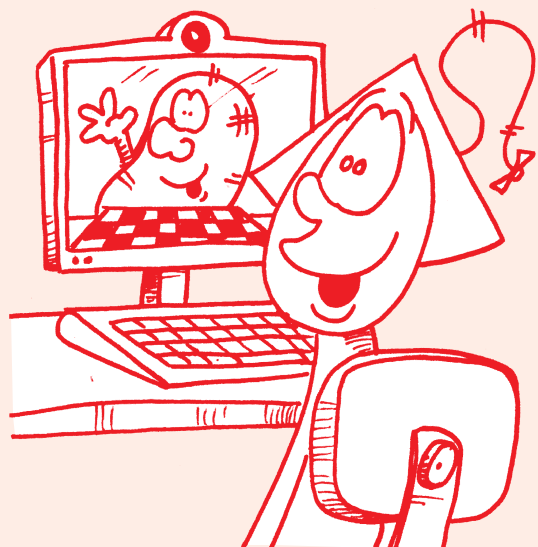


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The *Chess'n Math Association* holds scholastic tournaments for kids throughout the school year. Please check our website in September for the 2020-2021 schedule of events.

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

SUMMER

ONLINE TOURNAMENTS

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TOP CANADA grade K -6

1	Kevin Zhong	2336	QC
2	Anthony Atanasov	2308	ON
3	Eric Ning	2239	ON
4	Anand Chandra	2215	AB
5	Daniel Xu	2135	ON
6	Leo Lin	1726	SK
7	Daniel Wang	1719	BC
8	Vincent Latorre	1707	QC
9	Alex Yan	1686	QC
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
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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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Calgary

Calgary Junior Chess Club
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John Smith
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NEWFOUNDLAND

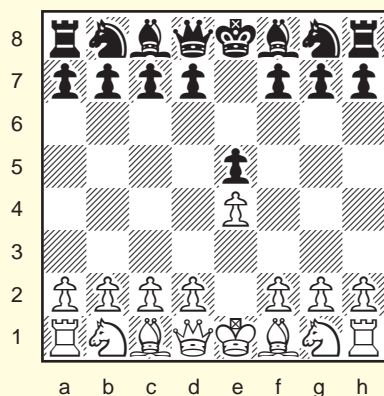
NL Scholastic Chess Association
www.chess.nl.ca

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.

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.Qd5#
- 1.d6 any 2.Re7#
- 1.Nb5+ cxb5 2.Qg3#
(1...Kb8 2.Qg3#)
- 1.Rd8+ Kxd8 2.Qb8#
- 1.Rg7 Rxc2 2.Rg8+ Rxg8 3.Nf7#
(1...Rxf6 2.Rg8#)

TRIPLE LOYD

- Ka6#
- Ke4=
- Ke1 (Rf1#)

CHESS MAZE

Qd1-d2-c3-a3-a2-b1-e4-h1-f1-h3-h6-f8-f6-b6-a7-a8xc8

COMBO MOMBO

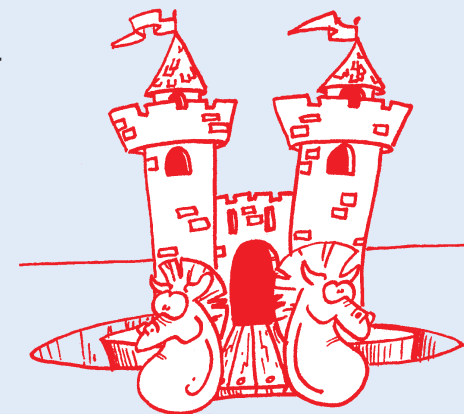
- 1...Qh8+ 2.Kd3 Qh7+ 3.Kc3 Qxb1
- 1.d5+ Qxd5 2.Qxd5+ Kxd5 3.Bf3+ Kc4 4.Bxa8

LILY'S PUZZLER

- 1.e4 e5 2.Qh5 Ke7 3.Qxe5# (or 1.e3)
- 1.e4 c5 2.Qg4 d6 3.Qxc8 Na6 4.Bb5#
(or 1.e3 or 2...d5)
- 1.d3 e5 2.Kd2 b6 3.Ke3 Qg5+ 4.Ke4 Bb7#
(or 2...b5) (Black's first two moves can be switched.)

TACTICS 102

- 1.Rxf7 Rxf7 2.Rxb8+
(1...Rxb7 2.Rxb7)
- 1.Bxf7+
(1...Kxf7 2.Rxd7+)
- 1.Qe3 Qc6 2.Qxh6
(1...Kh8? 2.Qxc5)
- 1.Ne6 Rf7
2.Nxg5 fxg5? 3.Rxf7
(1...Re8 2.Rxf6)



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SEE YOU NEXT TIME!