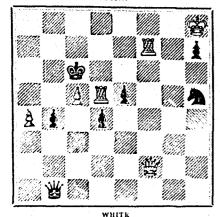
PROBLEM No. 232. By Dr. Gold. BLACK.



White to play and mate in three moves

GAME 371st.

(From the Chessplayer's Chronicle)

Played, some time ago, between Messrs, Minchin and Wayte, at the St. George's Chess Club.

(Ruy Lopez.)

Cards	two lacert
VHITE (Mr. Minchin.)	BLACK(Mr. W
i. P to K 4	1. P to K 4
g. Kt to K B 3	2. Kt to Q B 3
3. B to Kt 5	3. P to R 3
1. B to R 4	4. Kt to B 3
5. P to Q 3	5. P to Q 3
6. P to B 3	6. B to K 2
7. P to K R 3	7. Castles
8. Q to K 2 (m)	8. B to Q 2
9. B to B 2	9, K to R sq
10. P to K Kt 4 (a)	10. P to Q K; 4 (b)
11. Q Kt to Q 2 12. Kt to B sq	11. P to Kt 5 12. P takes P
13. P takes P	13, P to Q4
14. Kt to Kt 3 (a)	14. P takes P
15. P takes P	15. Kt to K Kt 8q
16. B to Q 3	16, P to Q R 4
17. B to K J	17. R to Kt so
18. Castles K R	18. B to R 6
19. B to Q Kt 5 (c)	19. R takes B
20. Q inkes R	17. R to Kt aq 18. B to R 6 19. R takes B 20. Kt to Q 5
21. Q takes R P	21. Kt takes Kt (ch'
22. K to Kt 2	22. Kt to R 5 (ch)
23. K to R eq	23. B to Q 3
24. P to Q 3 4	24. Q to R sq
25. Q takes Q	25. R takes Q
26. P to B 5	26, B to K 2
27. P to R 3	27. B to Q B 3
28. P to B 3	28. R to R 4
Ф. Kr (р. В 5	29. Kt takes Kt
30. Kt P takes Kt	30. K B takes P (d)
31. B takes B	31. R takes B 32. R takes B 33. Kt to K 2
32. K R to Q B sq 23. R takes R	12 Constant
34. R to B 4	33. Kt to K 2
25. P to Q R 4	35, K to Kt sq
36, P to R 5	36, K to B 2
37. P to R 6	37. K to K m
38. P to R 7	3c. B to R sq
39. It takes I' (r)	39. K to Q sq
49. R to B 2	40, Kt to B3
41. R to K Kt 2	41. Kt takes P
60 D m. L. C	42. B takes P (f)
43. P takes B	43. Kt to Kt 4
44. R takes P	44. Kt to Q 3
45 R to R 4	45. K to K 2
46, K to Kt ?	46. Kt to B 2
47. K to K 7	47, K to B sq
48. R takes Kt (cb)	te. Kunes k
To a 18 of the st	49. K to Kt 2
	50. K to R 3
51, K to Q 3 (g)	Resigns.
	and the same

NOTES.

(a) These maneouvres are all upon the model of the first game in the match between Steinitz and Black-burne.

(b) To deter White from castling on the Gueen's side and hoping to get up an attack if he Castle K R after, advancing the K K t P.

(c) An aversight of course, but White gets some compensation through his passed Q R P.

(d) An act of greediness which deservedly lost the ame. The passed P cannot now be stopped, and mass (a) White begitated between this move and R to Kt 4

The latter at once wins the B for the advanced Pawn but he feared, perhaps unnecessarily. Black's Q B P.

(f) Kt to B sq saves the piece for the moment; but by R to B 7 (better than R takes R P) he would still loss two Pawns, with a forlorn game.

(g) Black deters resigning till be sees which way the King is going. Had White played to defend the R P, the game would have been drawn, but he now declares his intention of advancing to K 6, which is quite enough.

SOLUTIONS.

Solution at Problem No. 30 BLACK

WHILE. 1; Kt to Q B4 2; Kt or R mates acc.

Solution of Problem for Young Players No. 228. WHITE. BLACK,

 Kt to Q B 4
 (ch by dis.)
 P to K S,
 hecomes a Kt and mates. 4. K moves.

PROBLEMS FOR YOUNG PLAYERS, No. 229.

WHITE BLACK. K at Q Kt 6 Q at K Kt 3 B at Q 7 B at Q Kt 4 Kt at K B 5 KatQ4 RtatKB7 Pawnent K Kt2.

And Q B 2 to top to play and mate in two moves.





Tenders for Steel Rails.

TENDERS addressed to the Honourable the Minister of Railways and Canals will be received at the Canadian Emigration Office, 31 Queen Victoria street. E. C., London, England, until JULY 15th, next, for Steel Rails and Fastenings, to be delivered at MONT-REAL, as follows:

5,000 tons by October 1st, 1879. 5,000 tons by June 1st, 1880. 5,000 tons by October 1st, 1880.

Specifications, Conditions, Forms of Tender, and all other information will be furnished on application at this office, or at the Canadian Emigration Office, 31 Queen Victoria street, E. C., London, England. By order,

F. BRAUN, Secretary.

Department of Railways and Cauals, & Ottawa, 13th June, 1879.

50 Perfumed Ocean Gems and Gilt Edge Assorted Ocean Cards, name in gold, 10c. ELLA RAY, W.



Pacific Railway Tenders.

TENDERS for the construction of about one hundred miles of Railway, West of Red River, in the Province of Manitoba, will be received by the undersigned until noon on Friday, 1st August next.

The Railway will commence at Winnipeg, and run north-westerly to connect with the main line in the neighbourhood of the 4th base line, and thence westerly hetween Prairie Portage and Lake Manitoba

Tenders must be on the printed form, which, with all other information, may be had at the Pacific Railway Engineer's Offices, in Ottawa and Winnipeg.

F. BRAUN.

Hepurtment of Railways and Canals, (Ottawa, 16th June, 1879.

\$10 to \$1000 invested in Wall St. Stocks makes fortunes every month. Book sent free explaining everything.

Address BAXTER & CO., Bankers, 17 Wall St., N. Y.

50 Pertume, Snowflake, Chromo, Motto Cards, name, in gold & let, 19c, G. A. SPRING, E. Wallingford, Ct.

The Scientific Canadian

MECHANICS' MAGAZINE,

AND

PATENT OFFICE RECORD,

A MONTHLY JOURNAL

Devoted to the advancement and definsion of Practical Science, and the Education of Mechanics.

THE ONLY SCIENTIFIC AND MECHANICAL PAPER PUBLISHED IN THE DOMINION.

PUBLISHED BY

THE BURLAND-DESBARATS LITH. CO.

OFFICES OF PUBLICATION:

5 and 7 Bleury Street, Montreal.

G. B. BURLAND, General Manager.

F. N. BOXER, ABCRITECT & CIVIL ENGINEER, Editor.

TERMS:

One copy, one year, including postage.....\$2.06 One copy, six months, including postage ... 1.10 Subscriptions to be paid in ADVANCE.

The following are our advertising rates: - For one The following are our autocrossing rates:— for one monthly insertion, 10 ets, per line; for three months, 9 ets, per line; For six months, 8 ets, per line; For one year, 7 ets, per line; one page of Illustration, including one column description, \$30; half-page of Illustration, including half-column description, \$20; quarter-page of Illustration, including quarter column description, \$10.

10 per cent, off on each payments.

INVENTIONS AND MACHINERY, &c., or other matter of an original, useful, and instructive character, and suitable for subject matter in the columns of the Macallyke, and not as as advertisement, will be illustrated at very

REMITTING MONEY .- All remittances of money should be in the form of postal-orders. When these are not available, send money by registered letters, checks or drafts, payable to our order. We can only undertake to become responsible for money when sent in either of the above ways.

This journal is the only Scientific and Mechanical Monthly published in Canada, and its value as an advertising medium for all matter connected with our Mannfactories, Foundries, and Machine Shops, and particularly to Inventors, is therefore apparent.

GRAY'S SPECIFIC MEDICINE.

FRADE MARK. Ite medy, will promptly and radically cure any and every case of Nervous Debility and Weakness, result of Indiscretion, excess or overwork of the brain and nervous system; is perfectly

Before Taking harmless, acts like After Taking, magic, and has been extensively used for over thirty years with great success.

IF full particulars in our pamphlet, which we desire to send free by mail to every one. The Specific Medicine is sold by all druggists at \$1 per package, or six packages for \$5, or will be sent free on receipt of the means by addressing.

money by addressing

THE GRAY MEDICINE CO.,

TORONTO, ONT.

137 Sold in Montreal by all Wholesale and Retail Druggists, and everywherein Canada and United States. N.B .- The demands of our business have necessitated our removing to TORONTO, to which place please address all future communications.



GOVERNMENT RAILWAY.

Western Division.

SHORTEST AND MOST DIRECT ROUTE TO OTTAWA.

On and after SATURDAY, JUNE 28th, Trains will leave HOCHELAGA DEPOT as follows :-

A. M.
 Express Trains for Hull at
 9.30 and
 5.00

 Arrive at Hull at
 2.00 p.m. and
 9.30

 Express Trains from Hull at
 9.10 and
 4.45

 Arrive at Hochelaga at
 4.40 p.m. and
 9.15

 Train for St. Jerome at
 6.15 p.m.
 7.00 a.m.

Trains leave Mile-End Station ten minutes later. 137 Magnificent Palace Cars on all passenger trains.

General Office, 13 Prace d'Armes Square

STARNES, LEVE & ALDEN. Ticket Agents.

Offices 202 St. James and 158 Notre Dame Streets

C. A. SCOTT, Gan'l Superintendent Western Division

C. A. STARK.

Geo'l Freight and Passenger Agent THE COOK'S FRIEND

BAKING POWDER become a HOUSEHOLD WORD in the land, and is a

HOUSEHOLD NECESSITY

inevery family where Economy and Health are studied. It is used for raising all kinds of Bread, Rolls, Pancies, Griddle Cakes, &c., &c., and a small quantity used in Pie Crust, Puddings, or other Pastry, will save half he usual shortening, and make the food more digestible

THE COOK'S FRIEND

SAVESTIME, IT SAVESTEMPER IT IT SAVES MONEY.

For sale by storekeepers throughout the Dominion and wholesale by the manufacturer.

W. D. MCLAREN, UNION MILLS.

OO Perfumed Cards - Motto, Lilly, Floral, Rose Budwith name and case, 10 ets. ETNA CARD CO. Clintonville, Ct.

IMPORTANT NOTICE. THE

Burland-Desbarats Lithographic Co. 5 & 7 BLEURY ST.,

Begs to inform the BANKERS, MERCHANTS and BUSINESS MUN of the Dominion, that their large establishment is now in full operation, and that they are prepared to do all kinds of

they are preparation that they are preparation to the preparation of t

Photo-Riectrotyping & Wood Engraving

IN THE BEST STYLE, AND AT LOW PRICES.

Special attention given to the reproduction by Nhoto-Lithography

MAPS, PLANS, PICTURES OR BOOKS OF ANY KIND.

From the facilities at their command, and the completeness of their establishment, the Company feed confident of giving satisfaction to all who entrust them with their orders. G. B. BURLAND, Manager.

Prepared Pea Soup Made from the Celebrated Pea Flour, to which is added

LEIBIG'S EXTRACT OF MEAT.

PEA SOUP!

SYMINGTON'S

DELICIOUS, NOURISHING ANTI-DYSPEPTIC.

Made in one minute, without boiling. Sold everywhere in 25ct, tins. Wholesale by

WILLIAM JOHNSON,

28 St. Francois Xavier Street, Montreal.

British American

MONTREAL.

Incorporated by Letters Patent.

Capital \$100,000.

General Engravers & Printers

Bank Notes, Bonds, Postage, Bill & Law Stamps, Revenue Stamps,

Bills of Exchange,

DRAFTS, DEPOSIT RECEIPTS, Promissory Notes, &c., &c., Executed in the Best Style of Steel Plate

Engraving. Portraits a Specialty. G. B. BURLAND,

Prezident & Manager.

JUST PUBLISHED

CHISHOLM'S ALL-ROUND ROUTE AND PANORAMIC GUIDE OF THE ST. LAWRENCE,

With corrections to date. It contains full descriptions of the points of interest on the "All Round Route," including Hudson River, Trenton and Niagara Falls, Toronto, Ottawa, Montreal, Quebec, Saguenay River, White Mountains, Portland, Boston, New York, It is profusely illustrated, and is furnished with maps of the Route, and a fine panoramic view of the St. Lawrence River. For sale by booksellers and news agents. Sent post-paid to any address on receipt of the price, 50 cts.

C. R. CHISHOLM & BROS..

179 Bonaventure street, Montreal.

CHEAPEST AND BEST.

23.52.373



JOHN DOUGALL & SUN,

21Fand 220, St. James Street, Montreal

Electrotyping and Job Printing, Chromatic and plain,

TO LET.

In those central premises forming the corner of Bleury and Craig Streets, and in the adjacent house on Craig

OFFICES, double and single. FLATS, admirably adapted for light manufacturing business, with or without steam power. Rent moderate.

Apply to

G. B. BURLAND,

No. 7 Bleury Street.