## OUR PUZFALAR

## 157. ENIGMA.

White as milk, soft as silk
A little flower am I
Fuched with green, in sprivg-time seen
A lear-drop in my eye,
Thus to answer why-
May foretell an Immortelle-
Your true purity
Lying there, so meekly fair, Through rain and storm still teaching, Bimple fiower, thou hast a power,
Beyond most preacher's preaching
158. SQUARE WORDS.

1. An animal; a mountain range; to make appy; a clty of China; an attempt.
2. An animal; a town in Norrland; a Swedish sland; tight ; a name of Pluto.
3. An animal; a mountain in gpain; a 159. CHARADE.

## My first is nutrition, My second permiseion My total, you cee, <br> A deep tragedy.

## II.

My first is often rull of wit;
My last a sound of death is heard My total, in a forelgn cllme,
the appellation of a bird.
160. PALINDROME.

Name an Island and five towns, composed o not lens than five letters each,
wards and forwards the same.
161. DOUBLE ACROSTIC

First means to penetrate,
second's a sweet singing bird.
a public speaker for my third.
tourth Man Eaglish
These five words, if rightly placed The initials and finals both read down, Two poets' names are surely traced.
162. SQUARE WORDS.

1. A birthplace of a famous navigator; to decree; a district of Cape Cotony, 2 An animal of Soath America; to afix to; 2. An animal of South America;
2. A Lancashire town; a river of Chill; a own in the south of Spain; one of the Sandwich Isles; a town in Siberia

## 63. CHARADE

When people are in debt,
They generally first get
When missing the paymen
For next, a number see,
Although what I tell you's quite true
Before first can disgrace,
It must have whole on its face,
Or it could not be served upon you
164. MEN OF LEARNING AND THEIR WORKS.

1. Lo! H. N. Phillip, of Yate, turn'd Jane $R$ Banks' oat ley in mineral ; 2. Oh, Miss Gee ! Mary sold pots and
2. TRANSPOSITION

If you a ind will transpose,
A portion of your frame it shows.

answers.

103. Charade.-Page-ant.
104. Square Words-

| 1. | 2. | 3. |
| :---: | :---: | :---: |
| \% EART | 8AVER | GRANT |
| EAGER | ADELA | RUNER |
| AGREE | venus | ANTRE |
| ReEDS | ELUUDE | NERVE |
| TRESS | RASED | TREES |

105. Logogriph-Every, Ever, Very, Eve. 106. Arithmetical Questions.-

$$
\begin{aligned}
& \mathbf{A}=9,600 . \\
& \mathbf{B}=6,400 . \\
& \mathbf{C}=3,200 .
\end{aligned}
$$

107. Charades.-1. Sun-shade; Mankind
108. Square Words.-

| 1. | 2. | 3. |
| :---: | :---: | :---: |
| Ames | EDrid | EDGA |
| ABove | DRONE | Douro |
| morea | ROODE | GUSTo |
| event | ENDED | ART |
| SEATs | derid | 0 |

109. Charade.-Words-worth.
110. Palindrome.-C. I. V. I. C.-Civic. 111. Logoariphs,-Words, Sword.

## CAISSA'S CASKET.

SATurday, Nov. 8th, 1873.

- All communioations relating to Chess must - addressed "Сhनскматe, Limdon, Ont."
$\because$ We should be happy to recsive a fow un-
niblished two-move or thres-move problems for "Caissa's Casket."

| Solution to Problem No. 15. |  |
| :--- | ---: |
| White. | Black |
| 1. B. to Q. 3rd | 1. Any. |

1. B. to Q. 3 rd
2. Mate.
3. Any.

Solution to Problkm No. 16.
White. Black. Black.
$\begin{array}{ll}\text { 1. B. to Q. Kt. } & \text { 4th } \\ \text { 2. Kt. to Q. Kt. 3rd } & \text { 3. B. takes B. (best) }\end{array}$
2. Any. K. Kt. or P . mates 2. Any.

PROBLEM No. 17. By T. M. Brown.


White to play and Bel.r-Mate in two moves. Problems of this description are very interesting by way of variety, and afford equal exercise for
the mind with those of ordinary oharacter. For those Who have not seen any of this kind, we may explain,
that White moves first and in such a manner that on that White moves first and in such a manner that on his White Ring at his next muve. As Black is oom-
the Whe
pellod to chockinate White, these problems are called pellod to oheokinate White, the
suicide-mates, or self-mates.


White to play and mate in three mover.
INSTRUCTION IN CHESS.
By "Chickmate."
GAME NO. 11.
The following. illustrative of the opening wo have
under consideration is one of the prettiest of Mr. under consideration, is one of the prettiest of Mr.
Puul Morphy's blindfold games: Paul Morphy's blindfold games:
Petroff's Difence.

| White. Morphy. | Black. <br> Potire. |
| :---: | :---: |
| 1. P. to K. 4th | 1. P. to K. 4th |
| 2. Kt. to K. B. 3rd | 2. Kt. to K. B. 3rd. |

In Games 9 and 10 the attack here played 3 Kt . about it further than that inany strong players adopt it. It takes possession of the diagonal and aids in forming a strong centre.
3. Kt. takes K. P

This is the usual move now-a-days, though some good players hesitate about taking the Pawn. If
Black play 3 . Kt. te Q. B. 3rd, we have the ${ }^{\text {Thwo }}$ Kt's Opening; brought about by a different order of
.
4. Kt. to Q. B. 3rd

This is Mr. Boden's suggestion, and is the move generally adopted to dispose of the Black Knight, though you may alro play 4. P. to Q. 3rd with the same ob or $Q$. B. 4th.
4. Kt. to K. B. 3rd.

There is a great difference of opinion as to the bes-
move here. If 4. Kt. takes Kt.: 5 . Q. P. takes Kt. and Black has not a piece in the field, while the att
tion for the lost Pawn. That move, however, is very
often played. If 4. P. to Q. 4 th, 5 B. takes P., Kt. to
K. B. 3rd ; do.
5. Kt. takes $P$

Winning back the Pawn
6. B. to Q. Kt. 3rd
5. P. to Q. ${ }^{\text {th }}$
6. B. to
2nd

Probably quite as good a move as in B. to Q. 3 rd
given by Staunton.

| . | 13. |
| :---: | :---: |
| 8. Castles | 8. Q. Kt. to |
| 9. P. to K. B. 4th | 9. Kt. toQ. Kt. 3rd |
| 10. Q. to K. B. 3rd | 10. P. to K. R. 4th |
| 11. P. to K. B. 5 th | 11. Q. to Q. B. 2nd |

The blindfold player, though contesting seven other grames at the same moment, meets.
13. Q. R. to K. 1st $\quad$ 12. B. to O. 3rd

Black cannot castle with safety, on account of 14.
Q. to Kt. $3 \mathrm{rd}, 15 \mathrm{~B}$. to R. 6 th.
Q. to Kt. 3rd, 15 B. to R. 6 th.
14. Q. to K. Kt. 3rd.
14. P. to K. R. 5th. If he had now played B. takes B. P., White ooul
equally have cheoked at $K$. 6 th , winning eanily.
15. Kt. to K. Kt. 6th oh

At once frustrating all the designs of his opponent?

15. K. to Kt. 1at
16. P. takes Q.
17. P. takes Kt.
18. P. takes P. ch
19. B.to K. Kt. 5th
20. Q. Kt.to Q. 2 nd
21. K. to B. 1 gt
22. K. to Kt. 1st

A remarkably beautiful c
the game in admirable style
24. B. takes P. P.
25. B. to $\mathrm{O} . \mathrm{Kt} .3 \mathrm{rd}$
23. P. takes Kt.
24. Kt. to Q. Kt. 3rd

And Black Resigns.

$$
\text { GAME NO. } 12 .
$$

Wo havo hore the third and lastgame of a matoh helinand Congdon, on the one side, and Measra. helso and Cengdon, on the one side
Elson and Whiteman, on the other side : Petroff's Defence.

$$
\begin{array}{cc}
\text { Mrsses. R. \& C. } & \text { Mksses. E. \& W. } \\
\begin{array}{ll}
\text { 1. P. to K. 4th } & \text { 1. P. to K. 4th } \\
\text { 2. Kt. to K. B. 3rd } & \text { 2. Kt. to K. B. 3rd }
\end{array}
\end{array}
$$

Mr. Petroff suggested this move, and though not so Mr. Petroff suggested this move, and though not so
attacking as 3 . Kt. takes $P$., it leads to many beau-
tiful variations.
3. Kt. takes P.

Should be take the P. with P., the attack renies, 4.
P. to K. 5 th, when White's beat move is, $4 . \mathrm{Kt}$. to K .
4. B. to Q. 3rd
5. K. takes K. P
4. P. to Q. 4th

Stanation in the Fisndbook sives ne White's bost
nove here, Kt. to $Q$. 3rd. The present move gives him all the advantages the other possesses and the Kim is if anything better posted where he is.
$\begin{array}{ll}\text { 6. Castlos. } & \text { 6. B. to K. 2nd. } \\ \text { 7. B. to K. Kt. } 5 \text { th } & \text { 7. P. to K. R. 3rd } \\ \text { 8. B. takes Kt. } & \text { 8. B. takes B. } \\ \text { 9. P. to K. B. } \\ \text { 9th } & \text { 9. B. takes K. }\end{array}$
And the attack has clearly the better opening. 10. Q. to K. R. 5th

A move more showy than useful; they have no reason to suppoe thoir opponents will let them take the
Q. P. arolces nuves, wich enablo tho opposing parties to
$\begin{array}{ll}\text { 11. P. to Q. B. 3rd } & \text { 11. B. to K.3rd } \\ \text { 12. Kt. to Q. R. 3rd } & \text { 12. P. to Q.B. 3rd. }\end{array}$
Preparing to dislodge the $Q$
$\begin{array}{ll}\text { 14. K. to K. B. 4th } & \text { 13. Castles. } \\ \text { 15. Q. R. to K. B. 1st } & \text { Q. to K. 2nd }\end{array}$
hooks when thus supporting each other are gene-
ally very powerful.
16. B. to Q. Kt 1 st
17. Q. to Q. 3rd


Their best move to avoid the threatened mate. $\begin{array}{ll}\text { 18. Kt. to } \mathrm{O} . \mathrm{B} .2 \text { nd. } & \text { 18. R. to B. 2nd } \\ \text { 19. Kt. to K. } 3 \mathrm{rd} & 19 . \mathrm{Q} \text {. R. to K. B }\end{array}$ 19 P. to K. Kt. 3rd would have been better
 It is just posible White might have drawn now by
exchanging Queens. If he take the Kt . P. Black exchanging Queens. If
wins by B.to K. Kt. 6 th.
25. K
$26 . \mathrm{P}$
$27 . \mathrm{P}$
28.0
29.1
30.
31.
R. to
P. P tak.
8. tak
8. to B
30. Q . tak
31. to
C. 1 st
es.
B. 5 .th
Q.
R. Q.
25.
$22 . \mathrm{P}$
27.
28.
29.
30.

If he take the Pawn he would lose two for it.

dangerous cosmetics.

In a paper read to the Paris Academy of Modicine the necessity is argued of preventing perlumers from selling poisonots or dangerous ar ticles, which should be left "xclusively to toe responsibility of regular chemista, and not sod without a physician's prescription. Arsenic, acld nitrate or mercury, lartar emetic, canthmdes ingredien, in these cosmetics, The socalled lettuce soap does not contatn the slightest trace of lettuce ; and this and other soaps aro colored by the sesquiozide of chromium, or of s rose color by the sulphuret of mercury, known as vermillion. The cheaper soaps contain thirw. per cent. of insoluble matter, as lime or plaster while others contain anlmal nitrogenous matco Whioh, having escared the process of saponina tion, emits a bad odor when its solution is are also declared in this paper to be so far noxious that being applied to the stin still lrepregnated with soap and water, they give riso to a decomposilion, in consequence of which th fatty acids of soap, being soluble in water, an cause chronic infiamation of the skia.

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