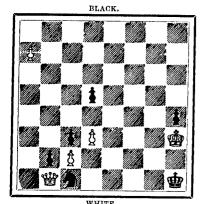
#### CHESS.

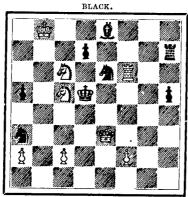
PROBLEM No. 289.

From Illustrated London News.



White to play and mate in three moves.

PROBLEM No. 290. By A. E. STUDD. From Vanity Fair.



White to play and mate in three moves.

### SOLUTIONS TO PROBLEMS.

No. 283.		1	No. 284.	
White.  1. Kt—Kt 2 2. Kt—R 1 3. Q x Q mate.	Black. 1. P x Kt 2. P x Kt becoming [a Q.		White. 1. Kt—Kt 8 2. P—Q 4 3. Q—B 6 mate.	Black, 1. P—K 3 2. P x P en pas

#### GAME PLAYED AT BRADFORD BETWEEN MR. H. A. BIRD AND MR. MAX WEISS.

From Columbia Chess Chronicle.

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
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### NOTES.

(a) A seldom played variation of the Bishop's Gambit, known in Germany as ein geschänktes Läufergambit. It is slightly inferior to the regular attack, and is best met by P-Q 4 and Q-R 5+.
(b) In order to play Kt-B 3.
(c) If Kt-Kt 6; 17. K-Kt 1, Kt x R; 18. P-Q 5 with an excellent attack.
(d) If K x B White mates in two.

The Automaton Azeb played chess daily at the Exhibition. It was very interesting, and a very curious puzzle to understand how it is managed, as the box or cabinet is isolated on wheels and moves about; also so much is exposed to view that it is difficult to understand where the players can be. As to his skill as a chess player, very much cannot be said.

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Although glass pipes of large diameter have not as yet been successfully produced, the opinion has been expressed by those engaged in the manufacture of glass on a large scale that the time is not far distant when some method of casting such pipes satisfactorily and cheaply will be devised; and it is believed that, made in similar form to the present cast iron pipes, with some suitable mechanism for a joint, and of malleable glass, a water pipe would thus be formed to which there could scarcely be an objection. Strong, tough, smooth, and indestructible, and made of a material that is found almost everywhere, it is thought not improbable that, in time, whenever a large quantity of pipe is required in any one locality, a furnace will be erected and the pipes be there made.

It has been well said that the recognition of a truth is in itself an acknowledgment of the duty to believe it and to act upon it. Truth is a force, a belief compelling, will urging force, and every true system of morals aims, or professes to aim, at subduing to the force of truth the faculties, the impulses, and the passions of man. The fundamental postulate of morals, therefore, is, that the highest duty is to seek for what is true in respect to those matters which we talk about and in respect to whatever influences our conduct. To speak the truth one must know the truth; to act rightly one must know the right; but such knowledge is not intuitive nor does it float in the atmosphere; it must be obtained, and to be obtained, it must be sought for. Can it be doubted that there is a true economy just as there is a true theology, a true morality?

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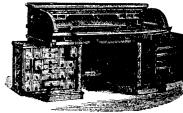
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