

Problems with Matches.

(By A. J. SMITH.)

THE reader will find herein a number of most fascinating and highly interesting puzzles.

The Solutions are on the opposite page. Study them carefully ; learn them off by heart. You have a great advantage over your friends if you are able to give them a few stiff puzzles or tricks that they are unable to perform. Indeed, success in life is due to the influence we exert in our surroundings. We must commence in our social life.

Especially at friendly gatherings or evening parties will the knowledge of these puzzles afford much entertainment.

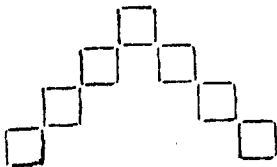
I invite correspondence from my readers.



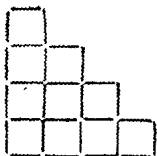
Arrange 10 matches to form a house, exactly illustrated as above. The problem is to reverse the house by altering the position of two of the matches.



SOLUTION.

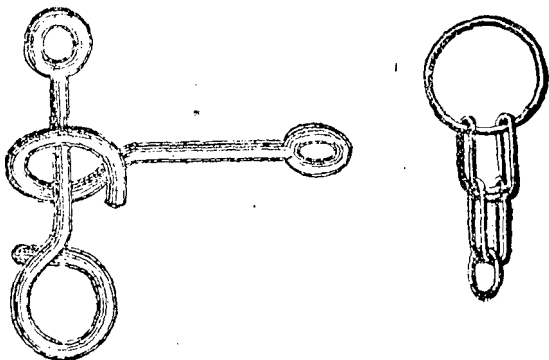


Form seven squares with matches as indicated in the above sketch. Remove eleven of the matches, and replace them in such a way as to form a symmetrical figure of ten squares.



SOLUTION.

Wire Puzzles



ONLY 1/6 PER BOX.

We have in stock the Latest and Best **Wire Puzzles**. There is nothing better for filling in your lonely time or sharpening one's wits than some good, stiff **Wire Puzzles**.

Price 1/6 per Box of four good Puzzles, with full directions, post free to any address. Single Puzzles, **6d** each, post free.

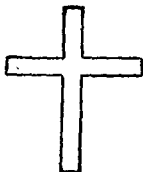
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The Mysterious Cross.

—X—

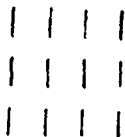
A Clever Puzzle.



One of the most tantalising Puzzles on the market. Five pieces of wood, all different shapes, can be made into a cross, if you know the secret; otherwise you could spend hours and never make a cross of these five pieces. If you want a lesson in patience, or wish to try the patience of others, send **6d** for this Puzzle and directions.

A. J. SMITH & CO.,

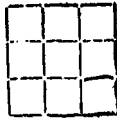
12-14 Hunter-St., Sydney.



Arrange 12 matches in three rows of four each. Take away three, and replace in such a manner that each horizontal and each perpendicular row shows four matches.

1 1 11
1 11 1
11 1 1

SOLUTION.



The Problem in this one is to remove eight of the matches, after having arranged as above, so as to form four squares only. It will be observed that in the arrangement the matches above, there are nine squares.



SOLUTION.

The Mysterious Tumbler and Vanishing Coin.

A very deceiving Trick.



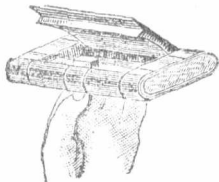
A two-shilling piece is borrowed from one of the audience, and marked for identification purposes, and is then dropped into the Tumbler, which is partly filled with water. The water is poured out, but to the astonishment of everyone, the coin has disappeared, and is found to be in a different part of the room altogether.

Price, with full directions, 1/11 post free.

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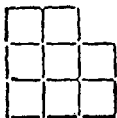
The Mysterious Match Box.



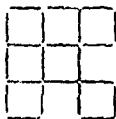
A new kind of Match Box which resembles, to all appearances, a solid block of wood, with apparently no means of opening it. Nevertheless it can be done, and used as an ordinary Match Box. This is the latest Trick Match Box out, and is all the rage. **Price, only 1/3 post free** to any address.

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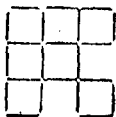


Remove two matches, and replace in such a position as to form seven squares of equal size.

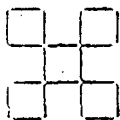


SOLUTION

(See next page for continuation of this problem.)



Keep the matches undisturbed after solving the last problem. Now take away two matches and leave five squares of equal size.



SOLUTION.

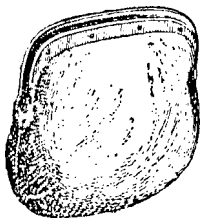
The Trick Pocket Knife.



We can thoroughly recommend this Trick Pocket Knife. You will never be short of amusement with your friends as long as you have it. Although you can open and close it with the greatest of ease, no one else is able to do so. The latest and best pocket puzzle out. Impossible to detect the secret; may be safely left in the hands of your friends to break their finger nails upon and lose their temper over. The knife is really tip-top, of British manufacture and worth its value as an ordinary Pocket Knife alone. Prices :—No. 1, small size, 1 blade, **2/-**; No. 2, medium size, 1 blade, **2/6**; No. 3, large size, cannot be opened when closed, cannot be shut when open, **price 3/- post free.**

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The Puzzle Purse.

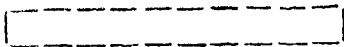


Your money will be quite safe from thieves or pickpockets if you have one of our Puzzle Purses. It closes with a good spring, and we defy anybody to open it who is not acquainted with the secret. Ladies who have to leave their purses aside at times will find our Puzzle Purse specially valuable.

Price, with full instructions to open, **2s. 6d.** **post free** to any address.

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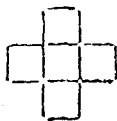
Arrange 22 matches as above. Now arrange the matches in such a manner that they will form a square of three times the depth of the original.



SOLUTION.



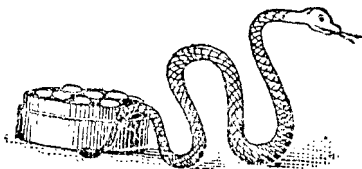
Form four Squares with the aid of Sixteen Matches. With the same quantity, for Five Squares.



SOLUTION.

The Serpent's Eggs

Produce a Most Astonishing Effect.



Each box contains eight Eggs, which are no larger than a grain of oats. When lit with a match, however, each one gradually hatches itself into a Snake several feet long, which curls and twists about in a most lifelike manner. To look at the Egg in the first instance, you would not believe it possible. **Price per box, 6d.** Post free to any address.

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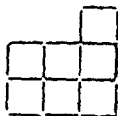
The Enchanted Bottle.

—x—

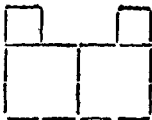
Won't Lay Down.



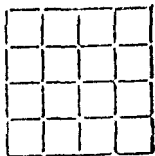
A splendid little trick. It consists of a nice little bottle, occupying very little space, which you lay on the table, then pass to a friend, telling him to do the same. He can't. Try as long as he will he finds it impossible for anyone but yourself to lay the bottle down. Why! Ah! That's the secret which you alone possess. The trick, with directions, will be sent **post free** on receipt of **8d.**



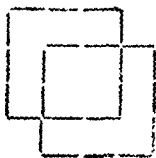
After arranging 20 matches in this manner, form two large and two small squares by removing and replacing seven matches.



SOLUTION.



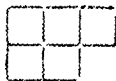
Arrange 40 matches as above. Take away 16 matches and form two large squares of equal size. A very stiff problem.



SOLUTION.

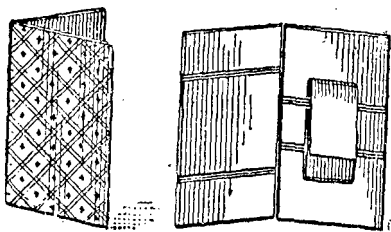


Arrange Fifteen Matches in this fashion. The Problem is to remove two matches in such a manner as to form Five Squares.



SOLUTION.

The Magic Book.



This is one of the most deceiving yet simple tricks that we have. Requires no practice. A coin is placed on the flap of a piece of red paper fastened in the inside, the paper is folded and the book closed. On opening same again instantly, the coin has mysteriously disappeared. It can just as surprisingly be brought back again or changed into another coin. **Price, 7d, Post Free.**

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