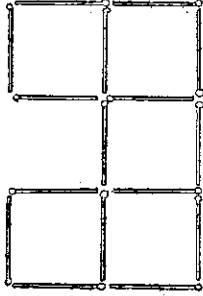


854

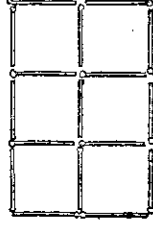
Arrange sixteen matches as in the diagram.



Rearrange three matches and leave four squares.

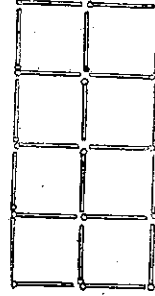
855

Remove five matches and leave three squares.



856

Form eight squares with 22 matches, as shown in the diagram.

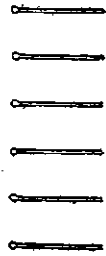


Remove six matches and leave four squares.

MATCHSTICK PUZZLES

851

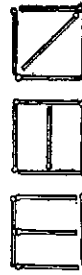
Arrange six matchsticks as indicated:



Add five matchsticks and make nine.

852

Arrange fifteen matches as shown in the diagram.  
Remove six and leave ten.

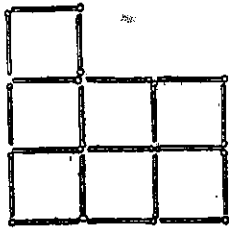


853

Again, arrange the fifteen matches as in the diagram.  
Remove six again and leave a hundred.

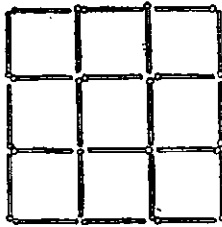
857

With twenty matches form seven squares, as arranged in the diagram. Rearrange three matches and leave five squares.

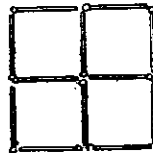


858

Arrange 24 matches to form 9 squares, as in the diagram.



Remove 8 matches and leave two squares.



Arrange twelve matches to form four squares, as in the diagram. Rearrange four matches and form three squares, each the same size as the original ones.

860

With six matches of equal length, construct four equal equilateral triangles.

861

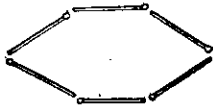
With nine matches form five equilateral triangles.

862

With nine matches, form three equal squares and two equal triangles.

863

With six matchsticks form a figure as in the diagram. Then by moving only two matches, and adding one more, form two diamonds.



864

Arrange 24 matches to form six squares and twenty triangles.