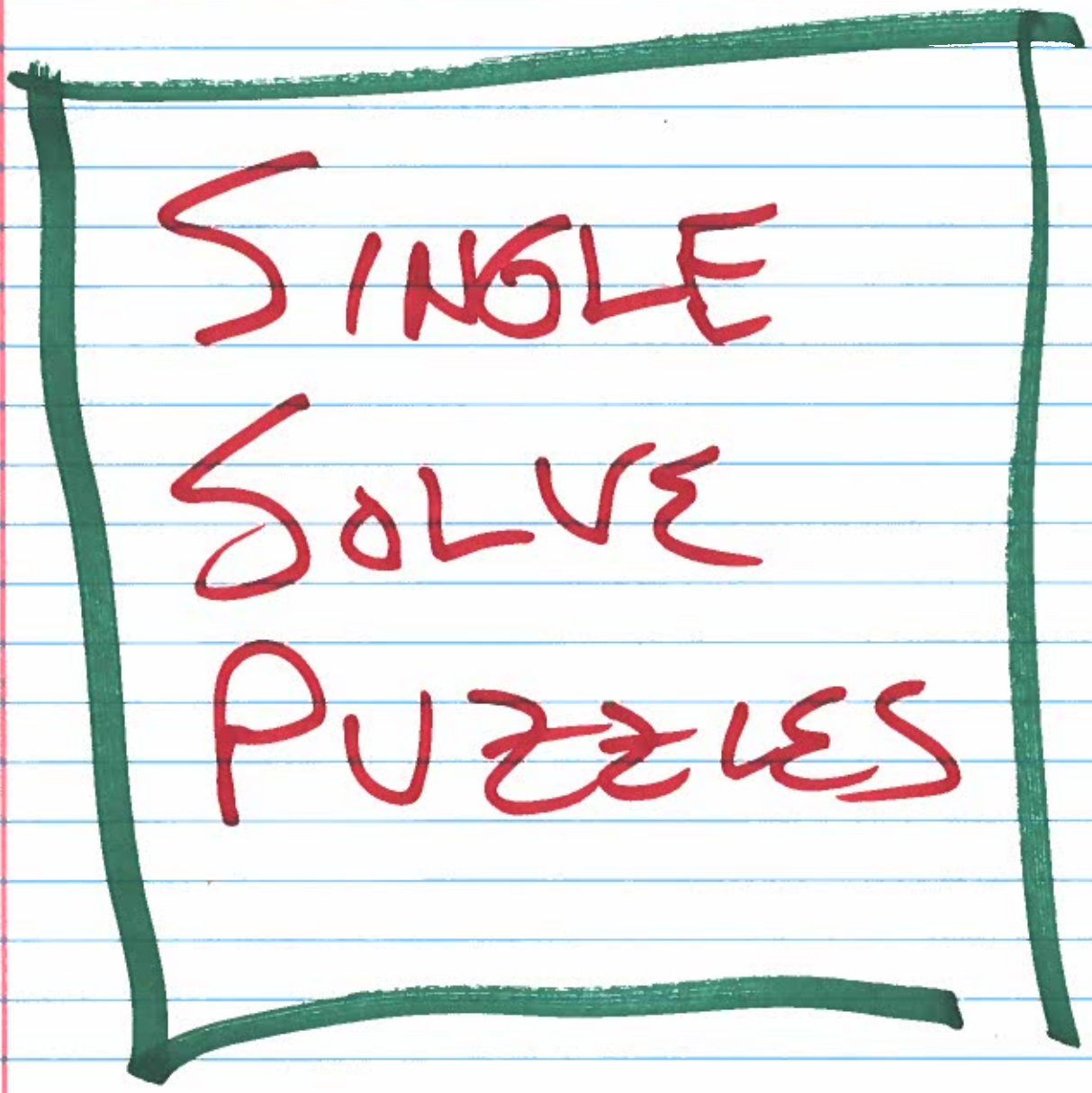
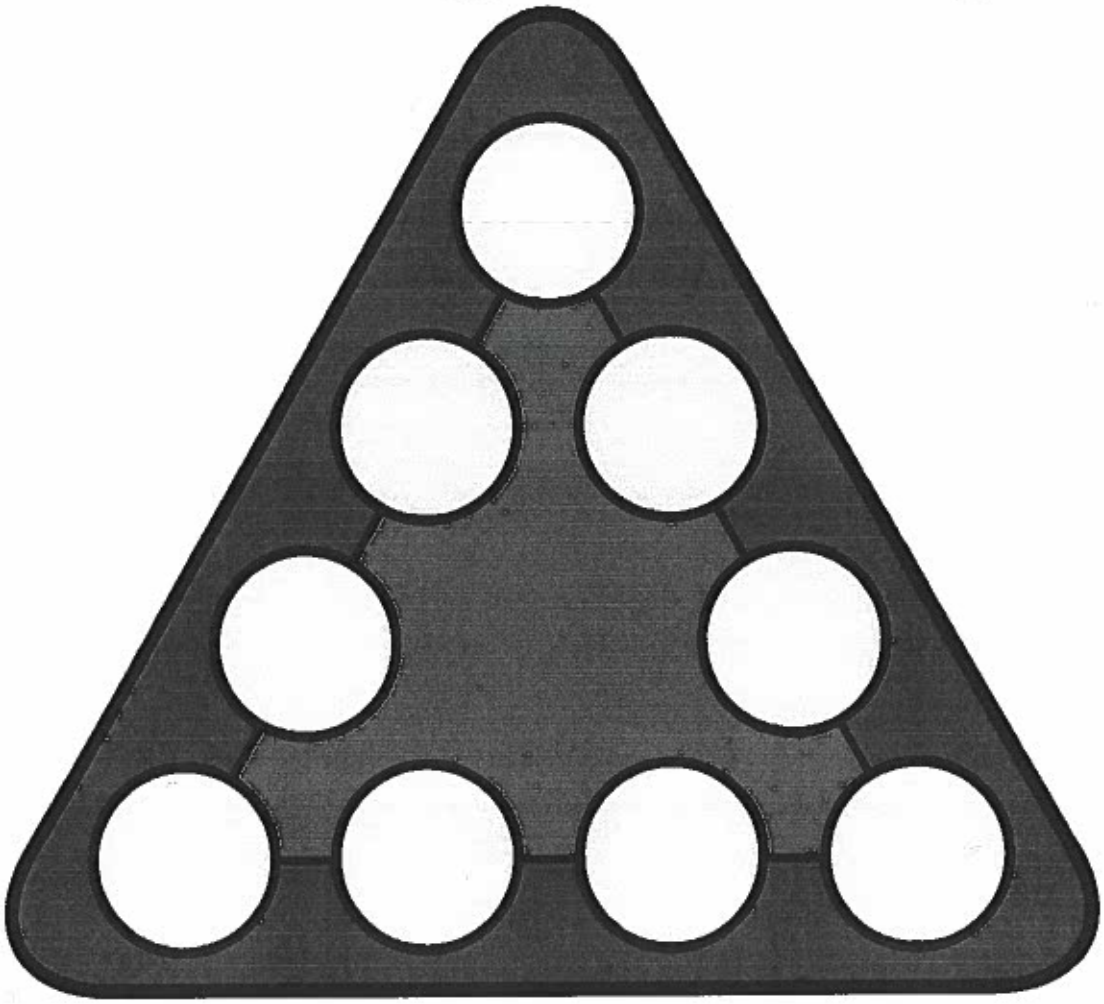
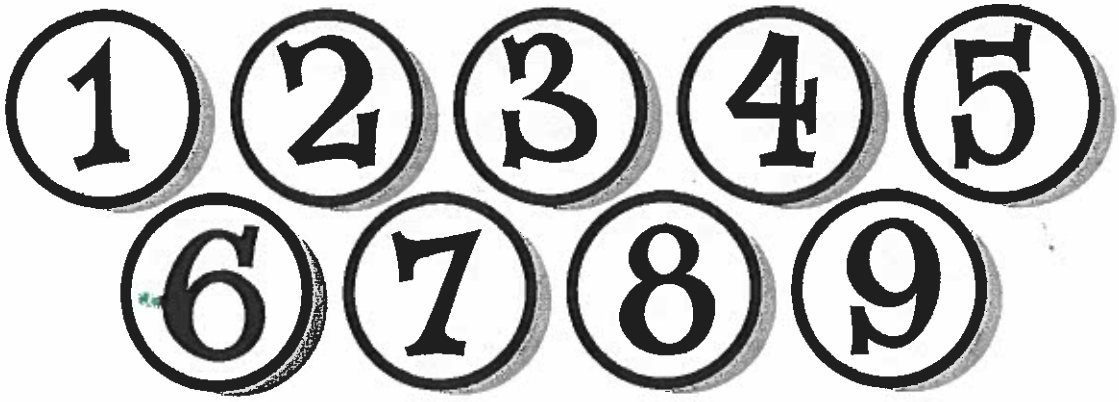
PUZZLE CANDIDATES TO RUN IN GOOGLE SLIDES



The Magic Triangle

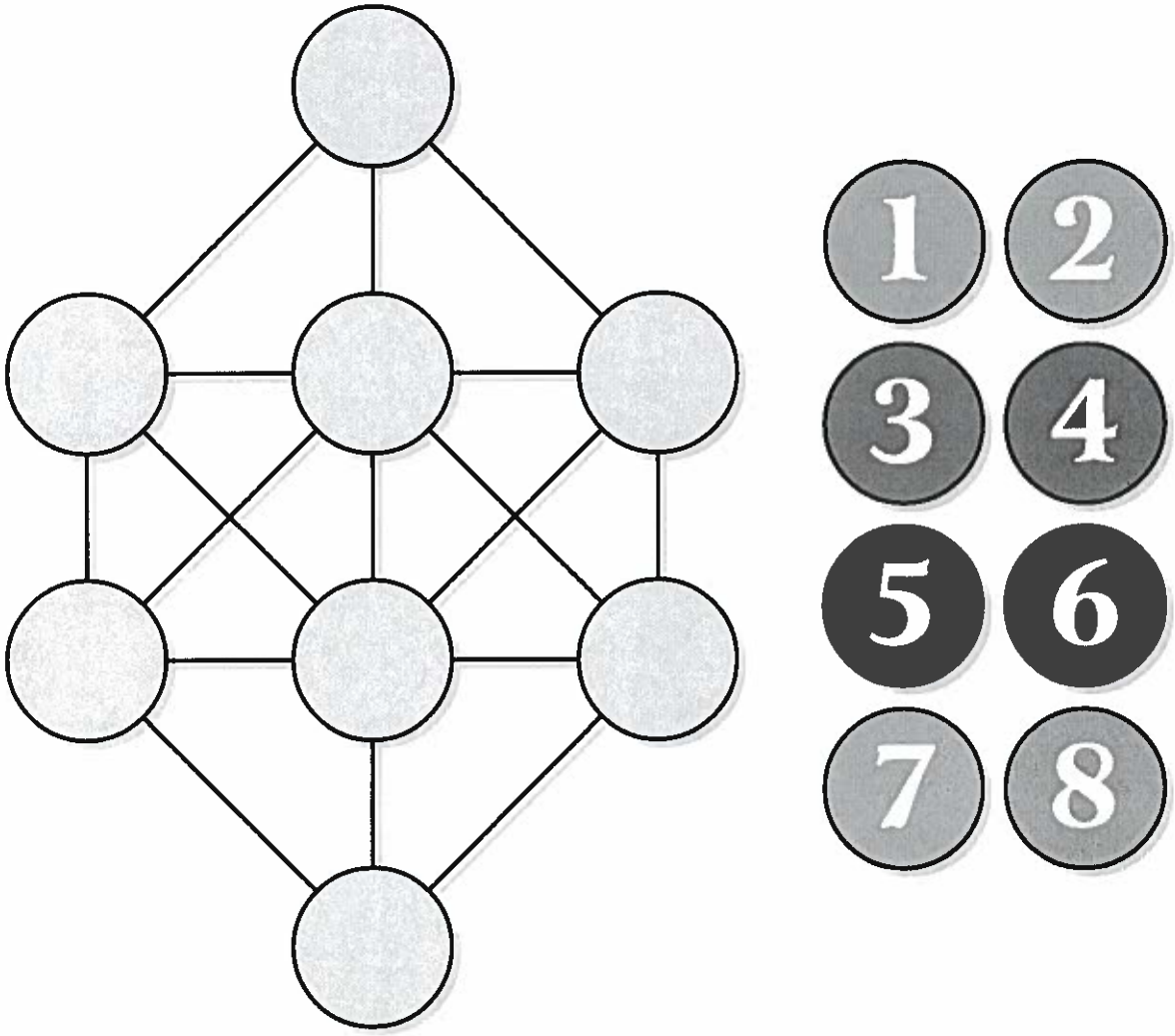




To Play:

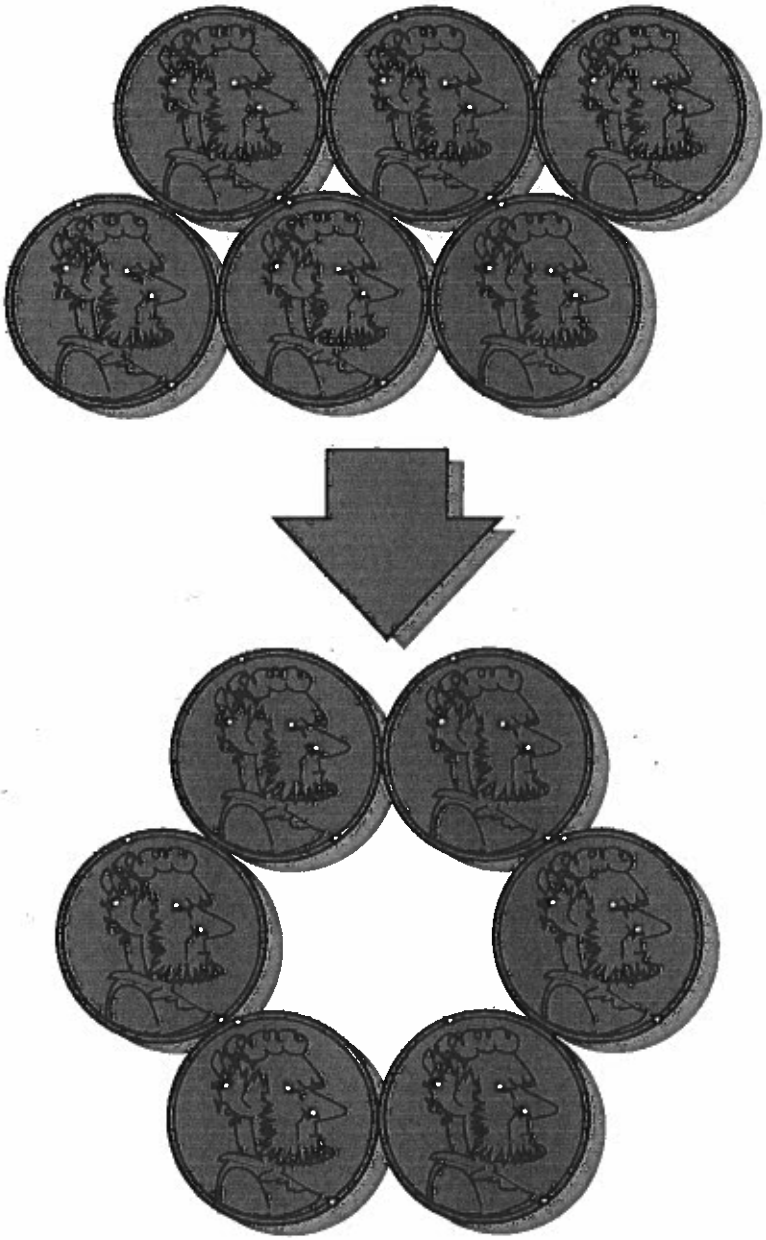
Simply place the numbers 1 through 9 in the circles along the sides of the triangle, so that the four numbers on each side add up to the same total.

1



Write the numbers 1 through 8 in the circles of the grid shown in the illustration so that no two numbers inside circles joined by a line differ by 1. For example, if you put a 4 in the top circle, you cannot put a 3 or a 5 in any of the circles in the row directly below it because each of those three circles is joined to the top one by a line.

The Six Pennies



To Play:

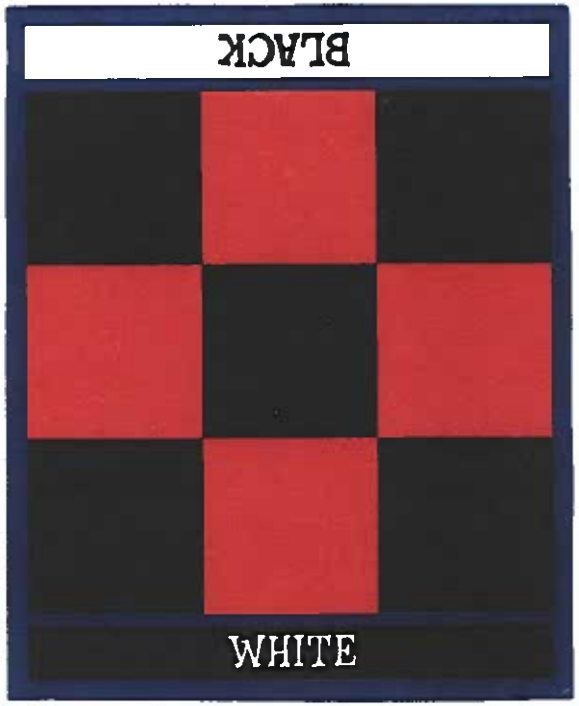
Place six pennies on the table in two rows as shown in the top illustration. The object is to move the coins to end up with a circle of pennies, as shown in the bottom illustration.

A move consists of sliding one coin to a new position. When making a move, you must place the coin so that it touches two other coins. You are not allowed to move another coin when making a move. Only three moves are allowed. Good luck!

(3)

The Four Knight's Challenge

To Play:
Start by setting up the board as shown in the above illustration. The object is to move the two white knights to the starting positions of the black knights, and move the black knights to the starting positions of the white knights.
Each token moves like a chess knight moves, two up and one over, or two over and one up. Tokens cannot occupy squares already occupied by other tokens.
Good luck!



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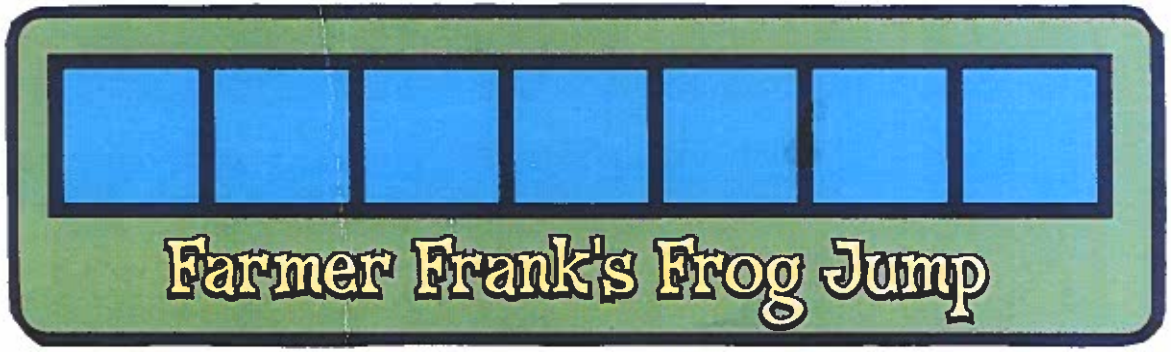
4

Swap'em

To Play:
Swap the frogs from one side to the other, as shown in the illustrations in the upper right corner. Frogs can only move forward, not backwards (green frogs to the right, red to the left). A frog can either move forward into the open space, or jump over exactly one other frog to the open space.
If your frogs can't move at all, give it another try!



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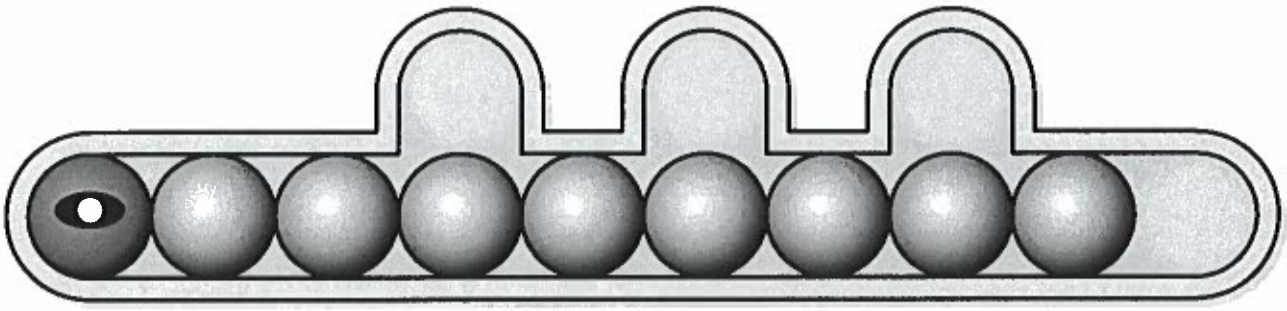
5



Nine disks are arranged as shown, with the eye of the snake on the left. The object of this puzzle is to transfer the eye to the other end in the fewest possible number of moves. (In this puzzle a move counts as an instance in which you place a disk in one of the three spaces in the side of the snake.)

Challenge Info

By: unknown

Version: for Teacher

Grade: 7-8

Difficulty level: Medium

Props: Pencil

Source: unknown

6

Posted: September 25, 2007