

I HOPE YOU ENJOYED
THE MATHICAL MYSTERY
TOUR. USE THIS PAGE TO
REMEMBER SOME OF THE
COOL THINGS YOU
LEARNED!



This is odd

YOU have 10 pennies and 3 cups. Can you put an odd number in each cup with none left over?



Yes, you can!

Wonders with water

You have two glasses.

One glass holds 5 ounces of water. The other holds 3 ounces.

You, my magic friend, can hold exactly 4 ounces of water in the 5 ounce glass without using a measuring cup!



Pour what's left of the 5oz glass into the 3oz glass.



Fill the 5-ounce glass again,



Use the 5oz glass to top off the 3oz glass!



You've done it!

Walk through a piece-of paper!

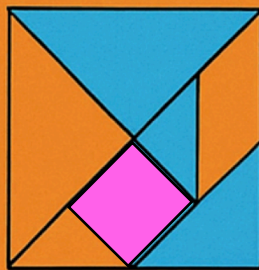
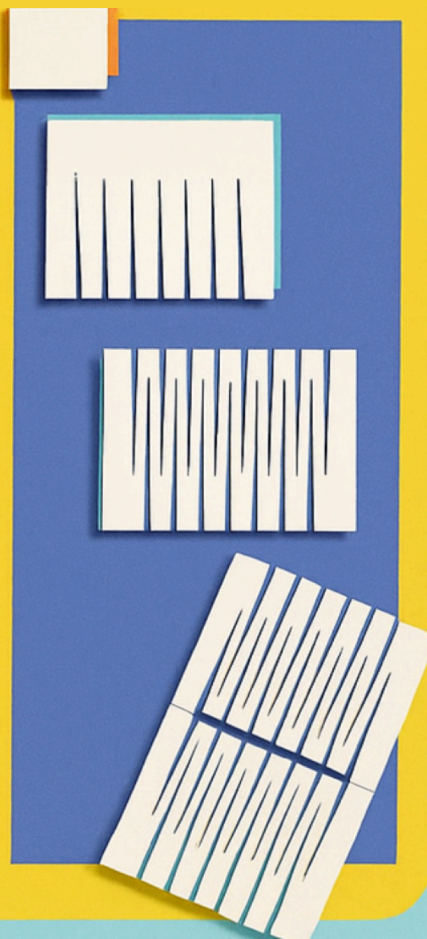
Can big kid like you poke your head through a 3x5 card by using math? Of course.

First, fold your paper in half, top to bottom.

Now, starting at the fold, make eight straight cuts about an inch apart but don't cut all the way to the other edge.

Now turn the paper around and make seven cuts just like the first cuts you made. Fit them right in between - and again, don't cut all the way to the folded edge. Unfold the paper and cut right through where the paper was folded except for the two end sections.

Carefully stretch out the paper. Now that's a big hole in a small page!



Tangrams

This isn't a trick so much as a puzzle.

Make a big copy of the tangram and cut it out.

Can you put it back together into a square. It's not easy.

Fill the 5-ounce glass.

Use the 5-ounce glass to fill the 3oz glass



Dump out the 3-ounce glass.



How much is left in the 5oz glass?

