

How to make your own Abax

With things you have around the house

For information about the abax and how to use
it, go to:

<http://mathmojo.com/abacus/abax/abaxI.html>

To order an abax, go to:

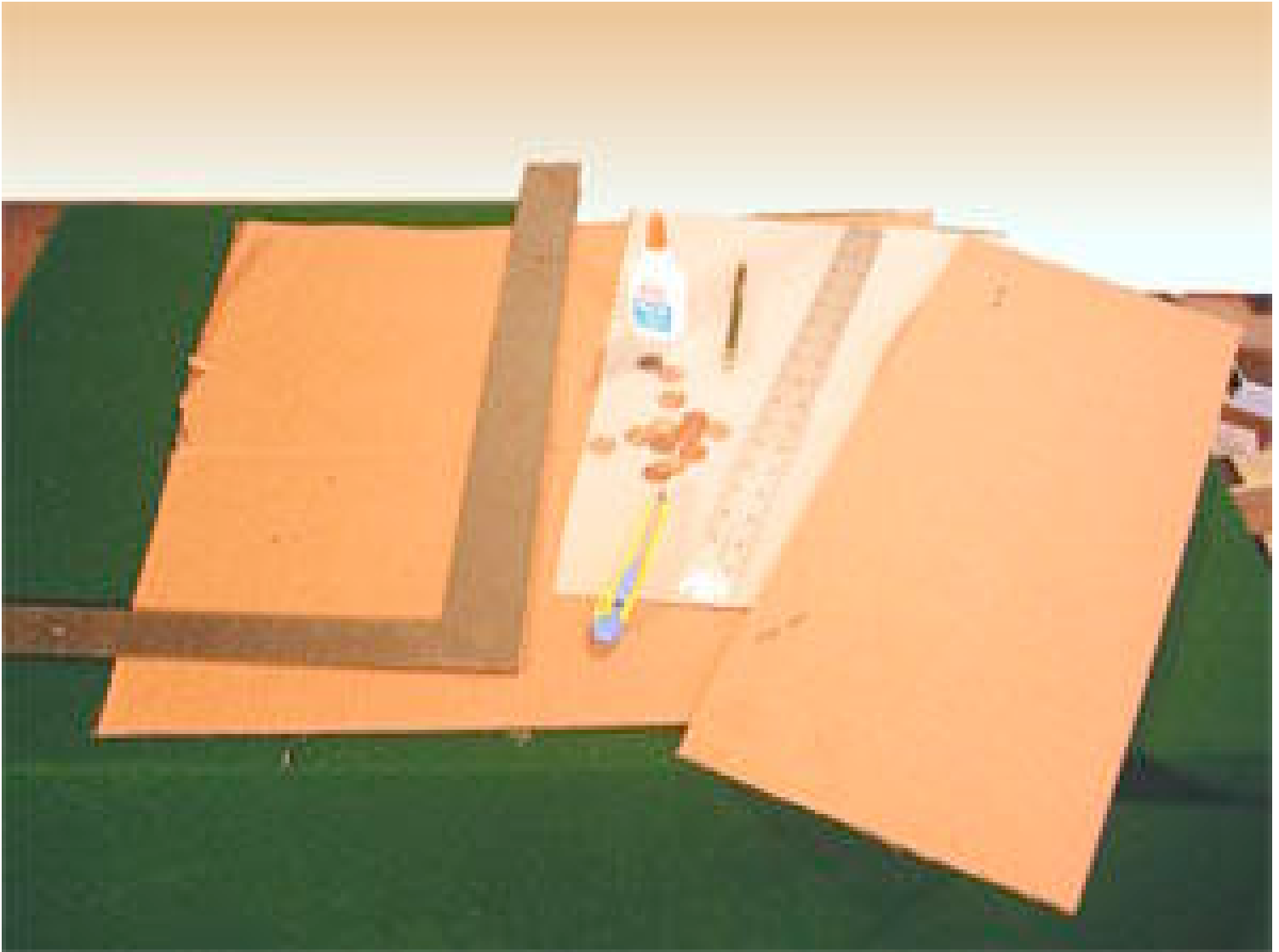
[http://mathmojo.com/order_materials/
bookletsanddownloads.html#abax](http://mathmojo.com/order_materials/bookletsanddownloads.html#abax)

(available in in August, 2007)

These are the materials you will need to make your own abax:

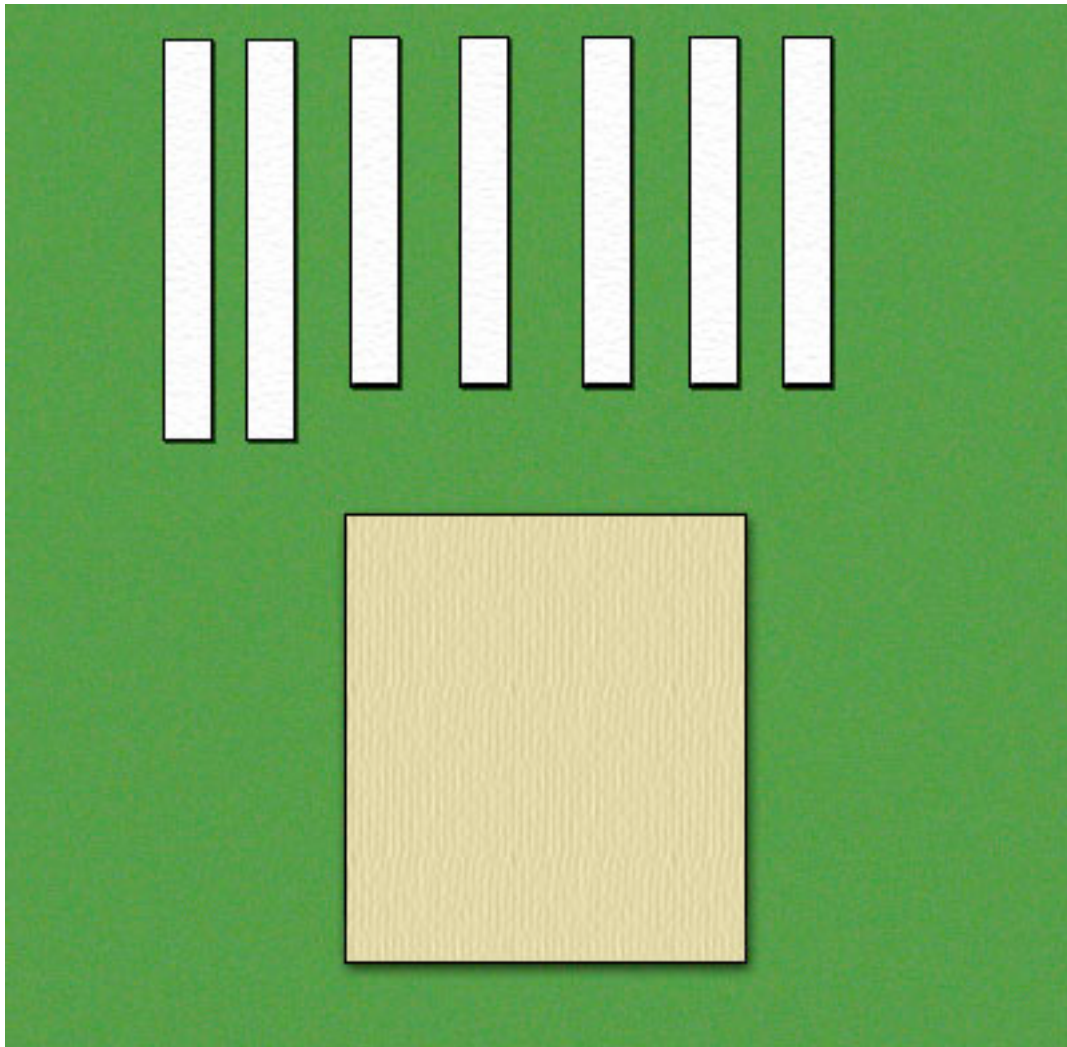
- A large piece of corrugated cardboard (to protect the tabletop as you build your abax)
- One 8" x 9" piece of corrugated cardboard (for the base)
- Two 1" x 8" strips of thin cardboard (like from a cereal box)
- Five 1" x 7" strips of thin cardboard
- 36 pennies
- box cutter
- pencil
- ruler (metal is best)
- angle or t-square
- Elmer's (or similar) glue

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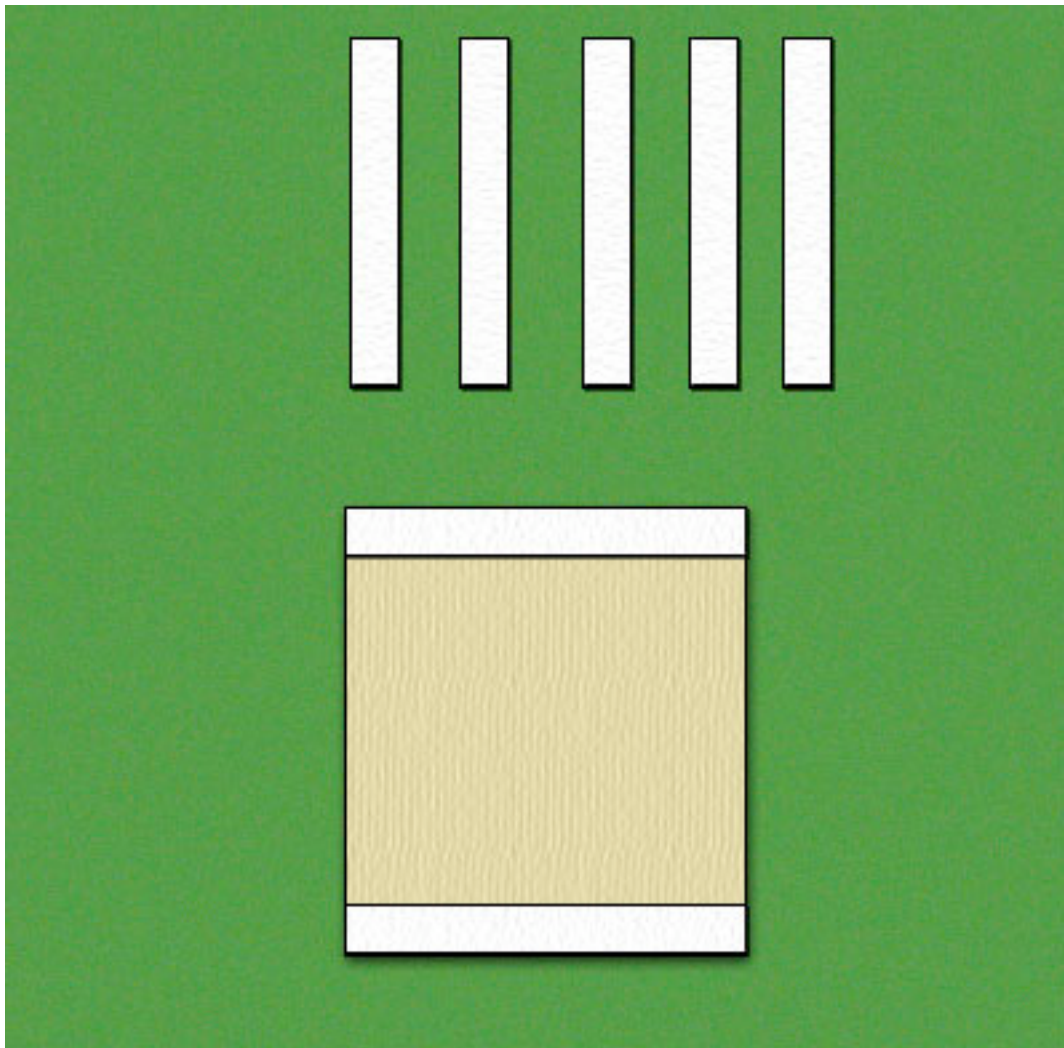


Cut your strips to size with the box-cutter and the ruler.

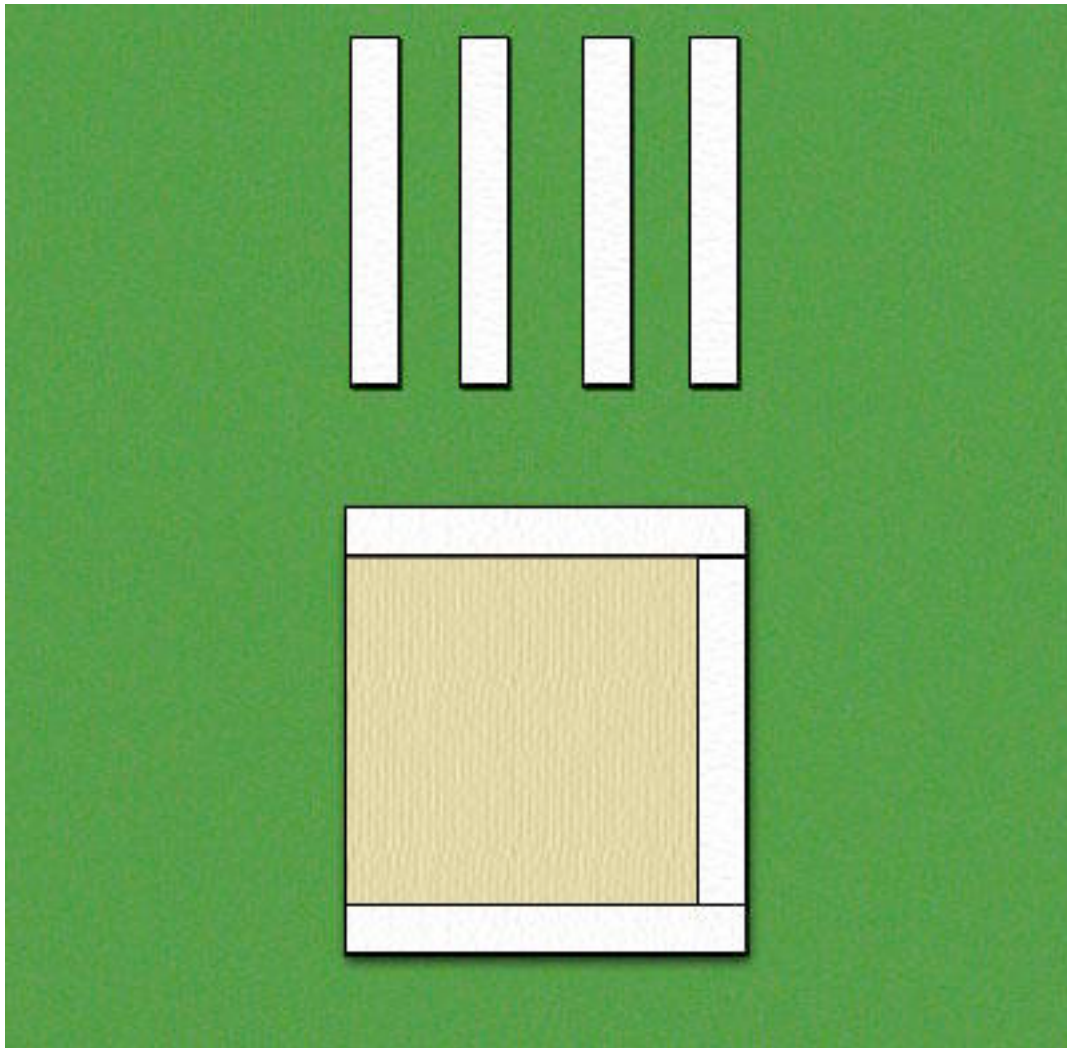
Use the triangle or t-square and ruler to measure and cut the corrugated cardboard for the base.



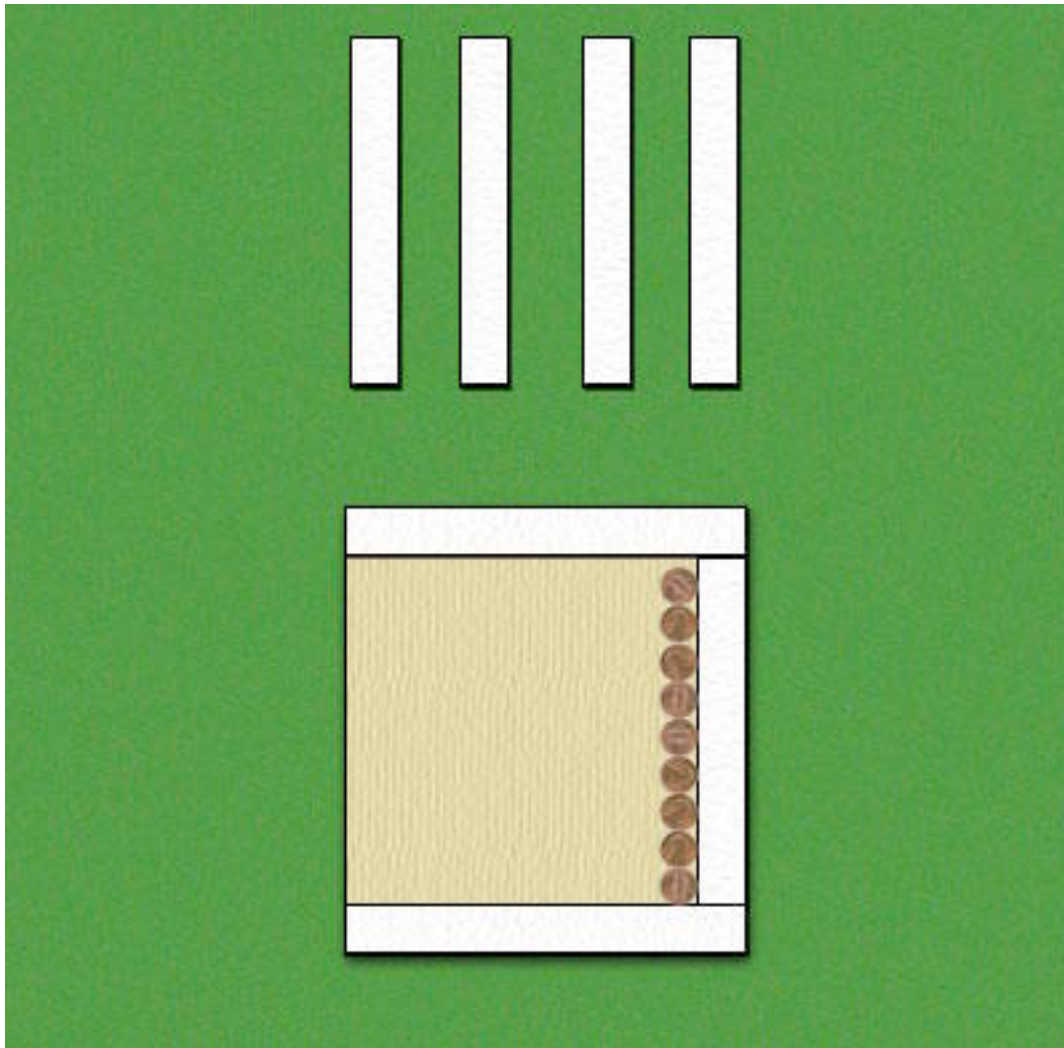
Glue the longer strips along the top and bottom of the base.



Glue the one of the 7" strips along the right side of the base.



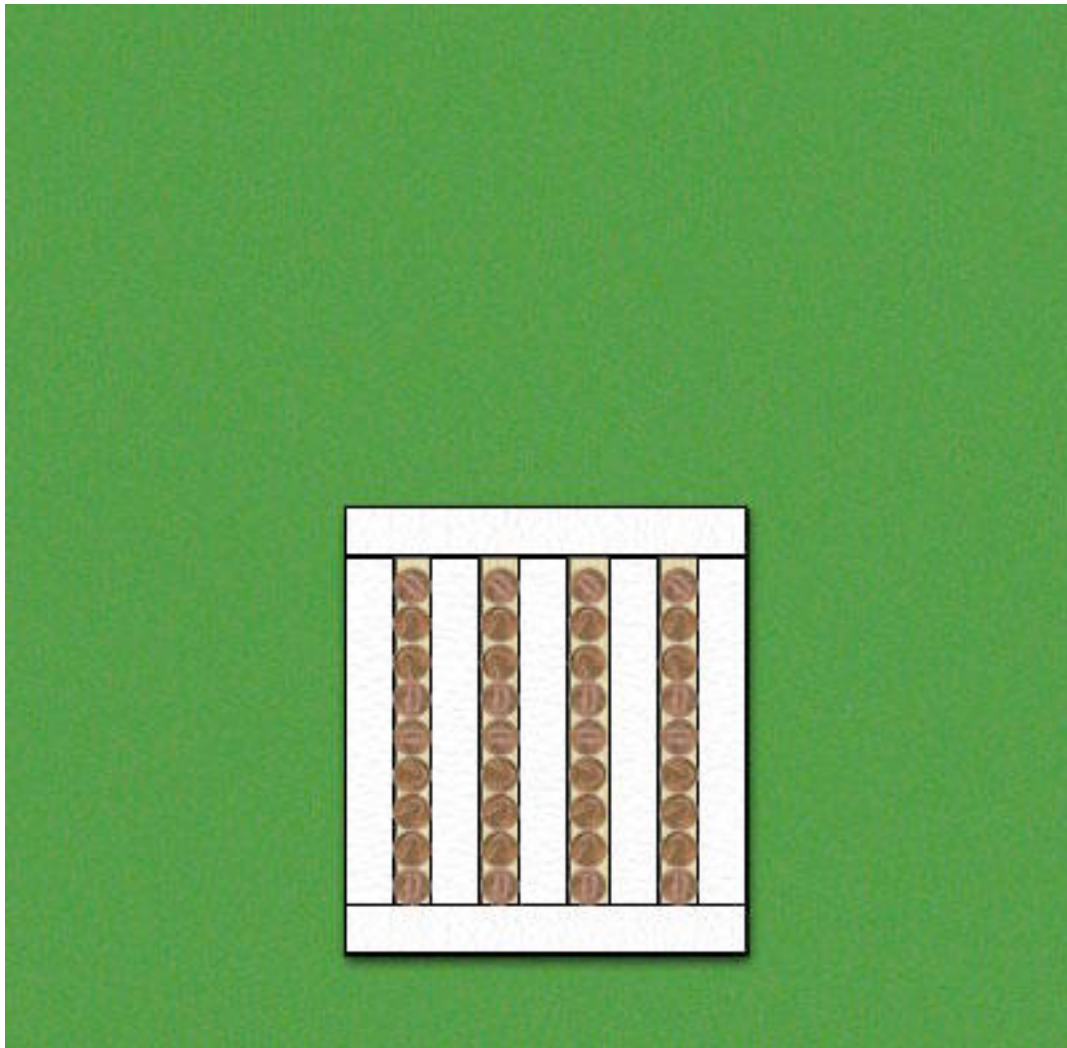
Line up nine pennies along the strip.



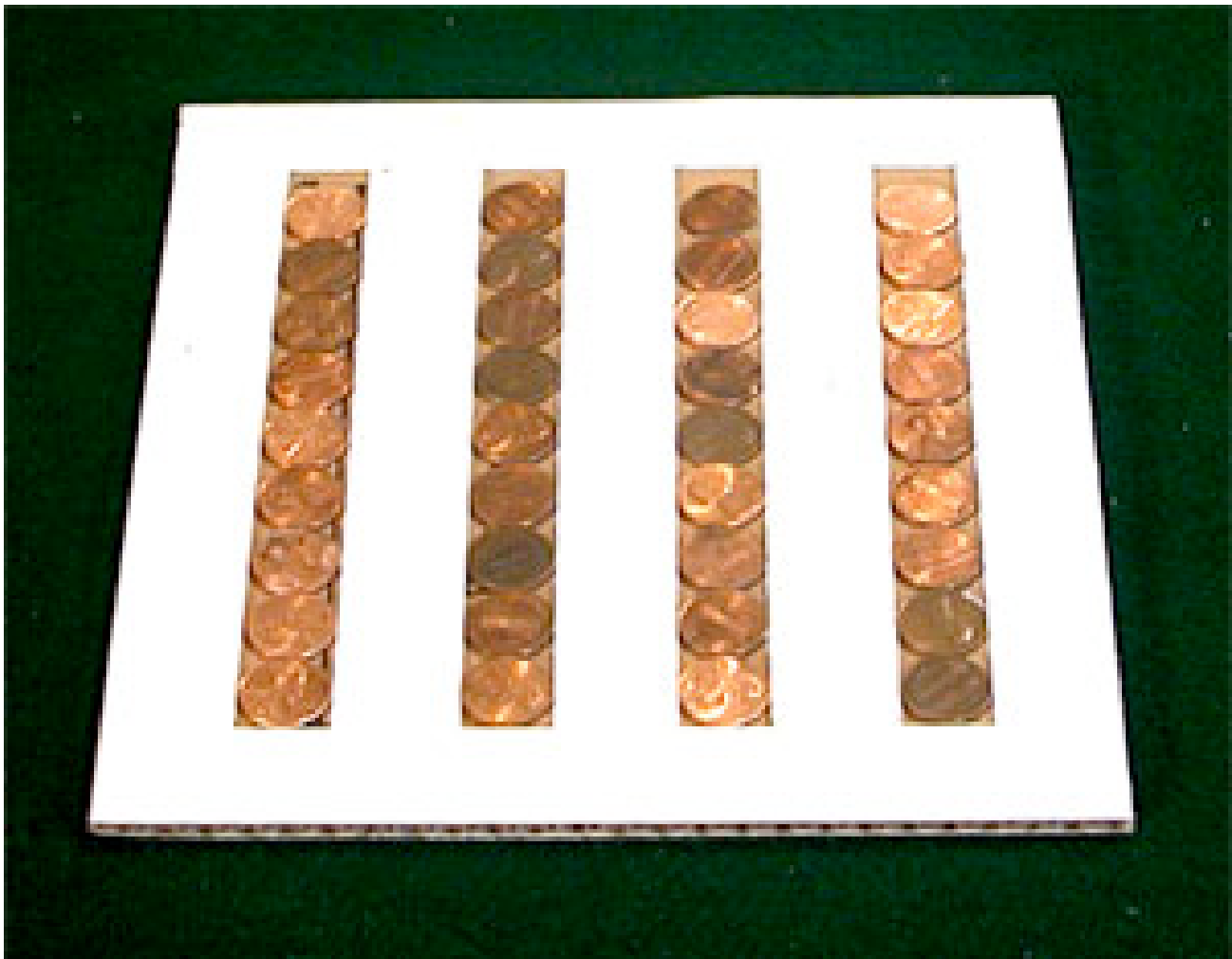
Arrange the other strips on the base using pennies as a guide.

Once they are as you want them, glue them into place.

There should be a little space at the top of the pennies.
That is so you can get your finger in to lift the pennies out.



Picture of a finished cardboard abax
(It took less than ten minutes to make)



Enjoy your abax.

For hundreds of years it was the way people in the west calculated. It is still a great way to introduce you to arithmetic.

By combining it with speed-math methods taught at MathMojo.com, you can become ***amazing*** at calculating.

For information about how to use it, go to:
<http://mathmojo.com/abacus/abax/abaxI.html>

The first in the series of Math Mojo booklets for the abax is "**Counting and Adding with Math Mojo on an Abax** (*How to Understand and Begin to Manipulate Numbers Like a Pro*)".

Order it at http://mathmojo.com/order_materials/bookletsanddownloads.html#abaxbooklet1



Order an Abax from MathMojo.com

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