

Welcome to Kitchen Table Math



LEARNING DISABILITIES
ASSOCIATION OF KINGSTON



Thursday January 15, 2009

Number Sense
And Numeration

Patterning and
Algebra

Data Management
And Probability

Spatial Sense and
Geometry

Measurement

Agenda

Introductions

- Who am I?

Getting Started

- Making a Journal

Math in Ontario Schools

- What are you teaching my child?
- Q and eh?

Children's Books that Bring Math to Life

- Alexander who used to be rich last Sunday
- "The Tangram Magician"

Group Activities

- The Horse Problem
- 5 and 10 Frames
- Finger Math
- Painless Operations
- Napier's Bones

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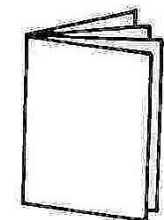
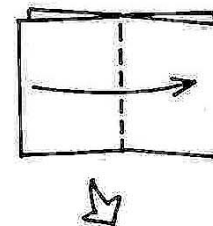
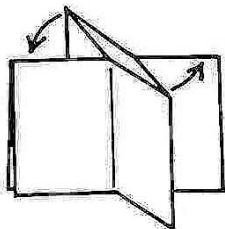
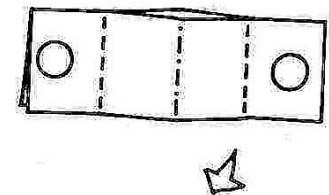
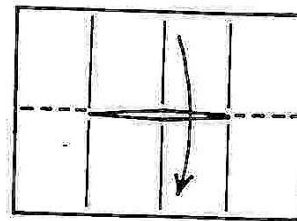
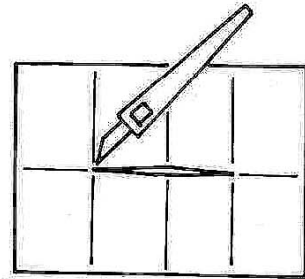
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Paperfold Journal



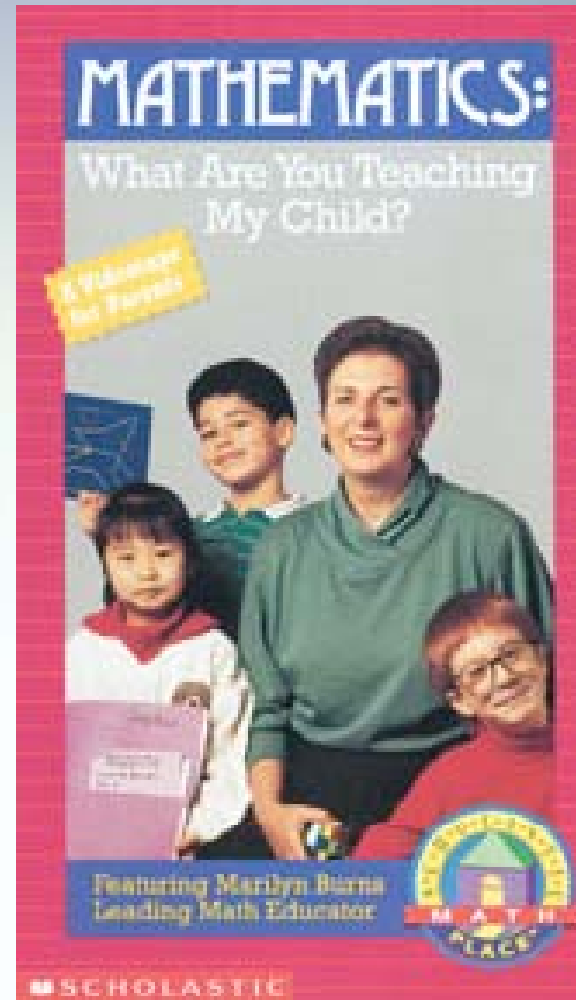
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and

eh.?

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Using books to bring math to life

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Alexander, Who Used to Be Rich Last Sunday



JUDITH VIORST

Illustrated by RAY CRUZ

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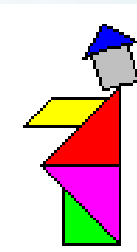
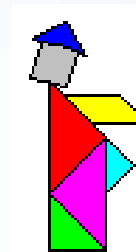
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Using books to bring math to life



Step 1

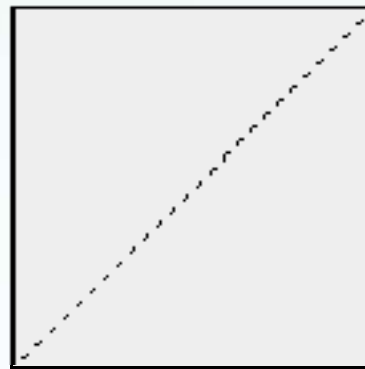
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Cut →



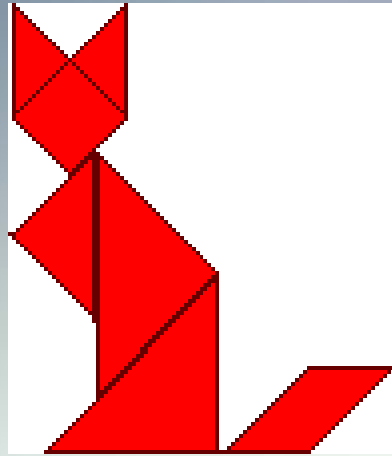
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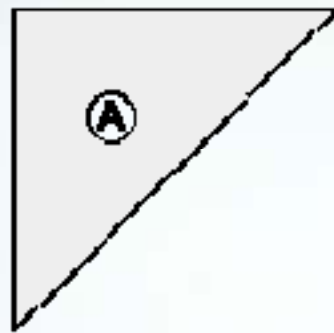
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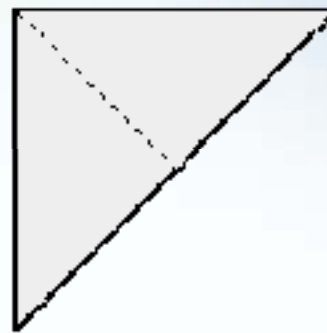
Measurement



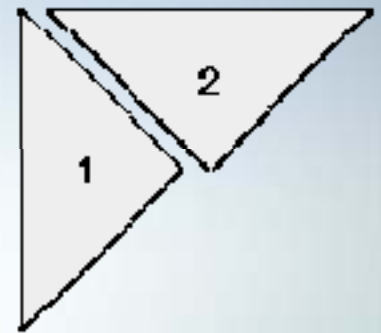
Step 2



Fold



Cut



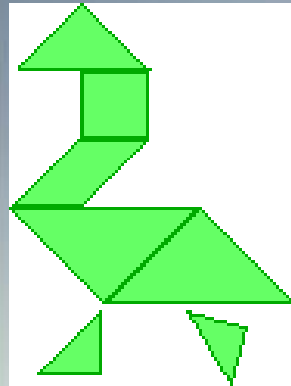
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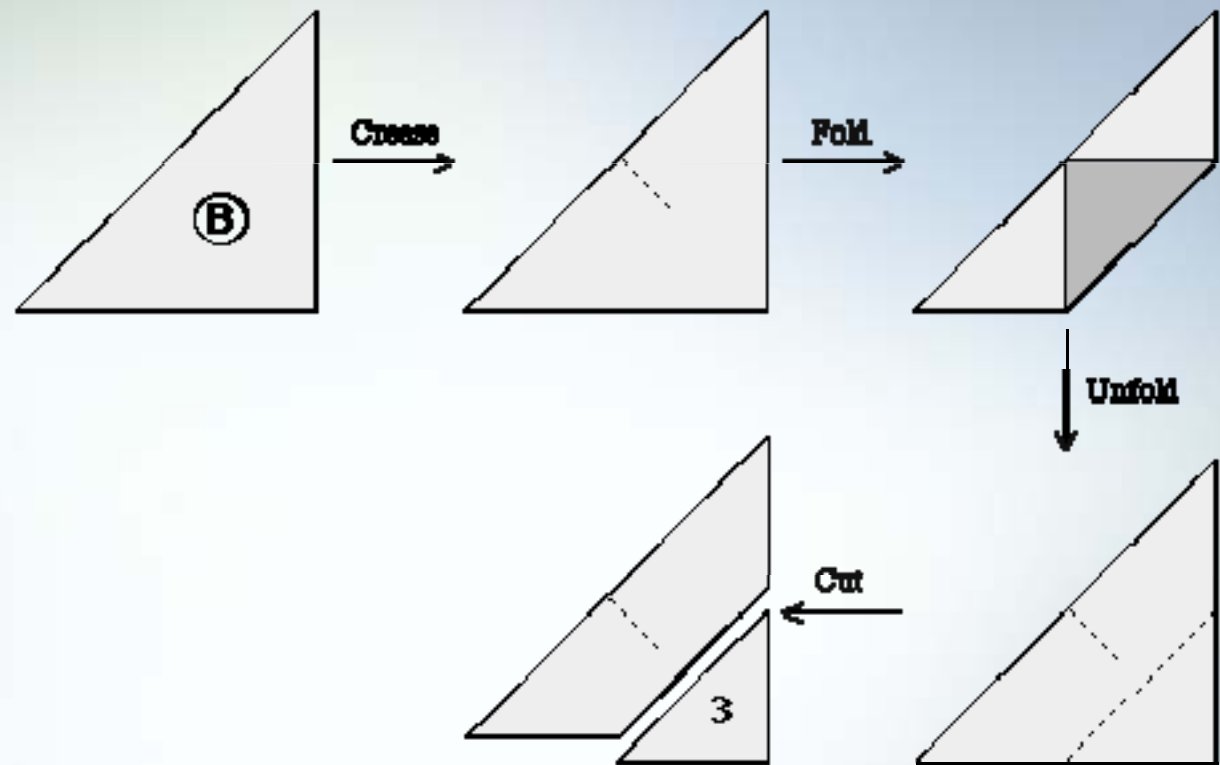
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Step 3



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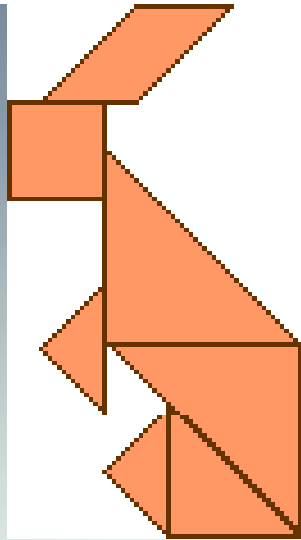
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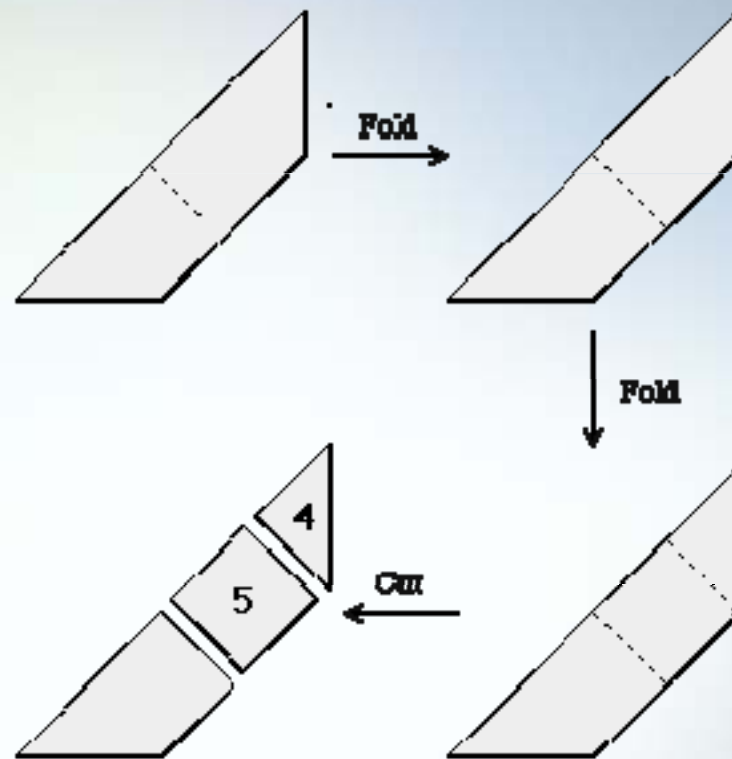
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Step 4



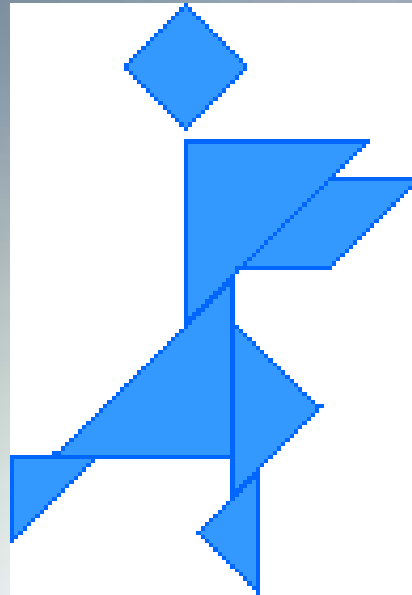
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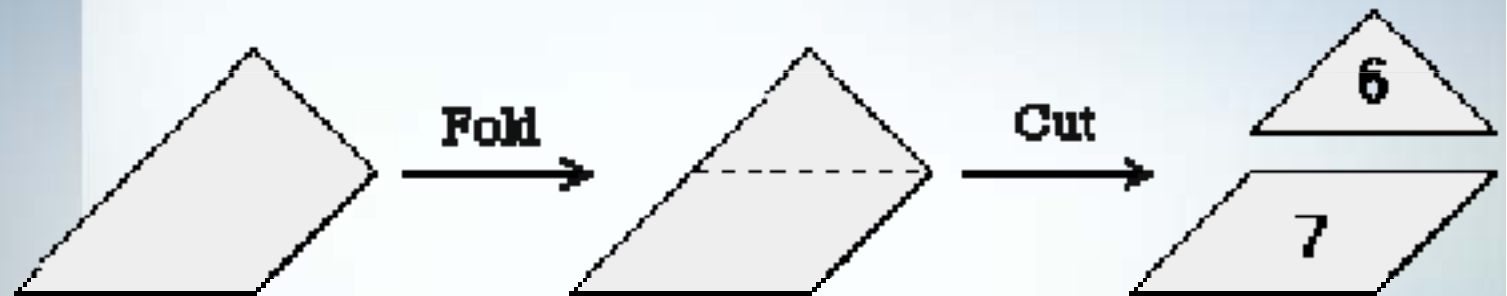
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Step 5



Put it back together ...

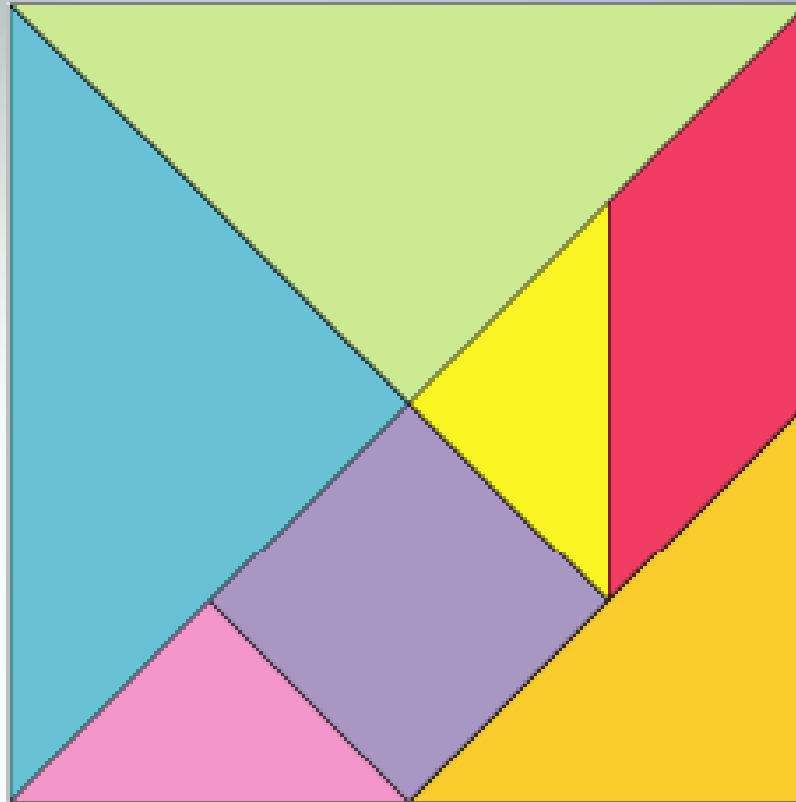
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I bought a horse for \$50.00 and then sold it for \$60.00. I bought the horse back for \$70.00 and eventually sold the horse for \$80.00.

At the end of these financial transactions, did I make money, lose money or break even? If I made or lost money, how much?



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Finger Math

- Five Frame
- Ten Frame
- Finger Counting Systems
- Finger Multiplication Fun

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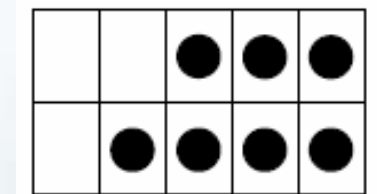
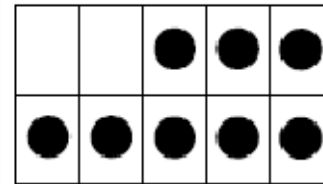
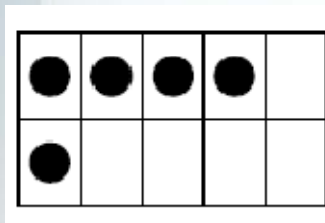
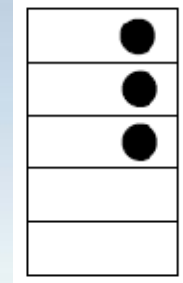
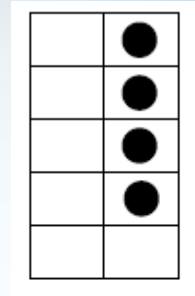
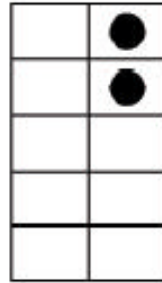
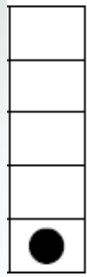
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5 Frames and 10 Frames



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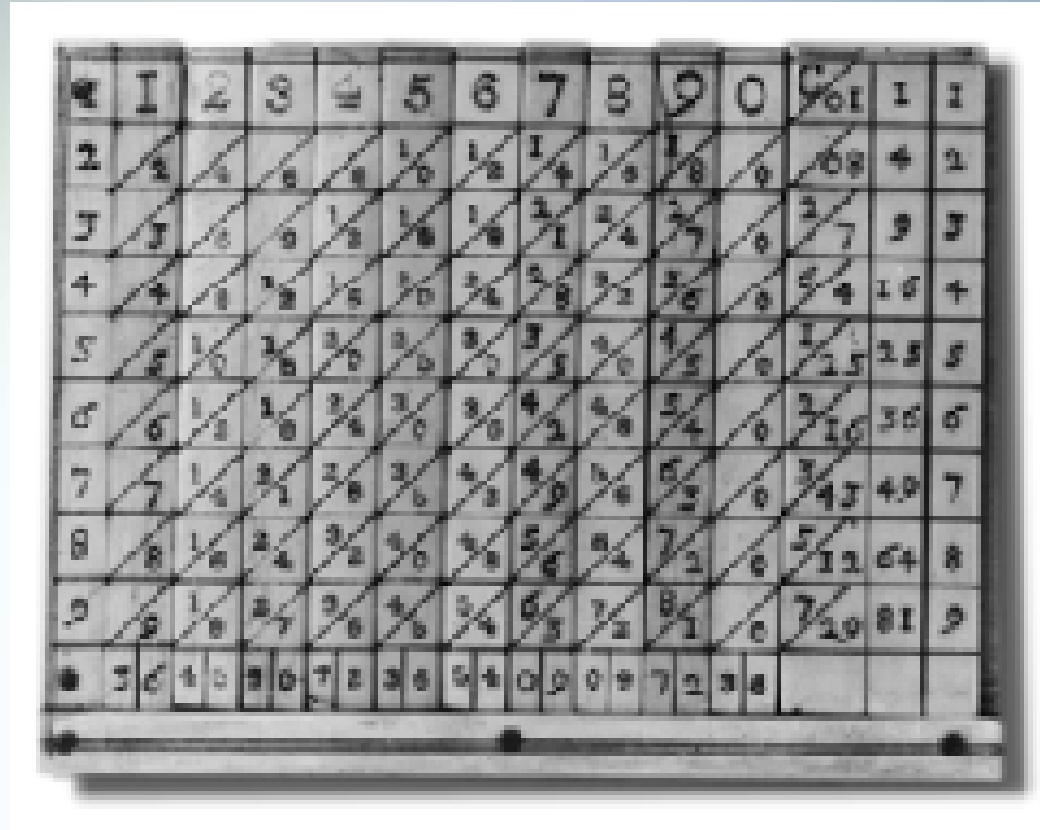
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Napier's Bones



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FINAL THOUGHTS

“We have not succeeded in answering all of your problems. The answers we have found only serve to raise a whole set of new questions. In some ways, we feel we are as confused as ever, but we believe we are confused on a higher level and about more important things.”

—Arthur Costa, Omni March 1992