Graphic Organizers & Learning

Presentation by Dearly Ebony, M.A., Ed. Diag

- *Graphic Organizers can be used across all curriculums, not just in English, Reading, & Writing.*
- *Graphic Organizers in this presentation were done in real lessons either by myself or by teachers I instructed/coached.*

Graphic Organizers & Learning

- Allows the learner to compress information and focus on topic *(McKenzie, 1997)*
- Aids in comprehension
- Clarifies key ideas *(Novak & Gowin, 1984)*
- Brainstorming *(Valenza 2005)*
- Provides Scaffolding
- Manageable & better thinking through concepts

Theories

- **Maslows's Hierarchy of Needs:** Factors Influencing Learning
- **Gardner's Multiple Intelligence:** Categories of Learning
- **Hermann's Whole Brain Learning:** Use of Graphic Organizers to learn.

Graphic Organizers

- Promote Inquiry Based Learning
- Promote Literacy Across Curriculum

Graphic Organizers & Learning/Literacy

- Cause and Effect
- Inferences
- Predictions
- Comparing & Contrasting
- Problem & Solutions
- Sequencing Events

Literacy

- Literacy is the ability to **read, view, write, design, speak and listen** in a way that allows us to **communicate effectively** and to **make sense** of the world.

Inquiry Learning is active learning via:

- Posing Questions
- Problems or Scenarios
- Research
- Presentations
- Reflections
- Transmitting Knowledge

Graphic Organizers Serve

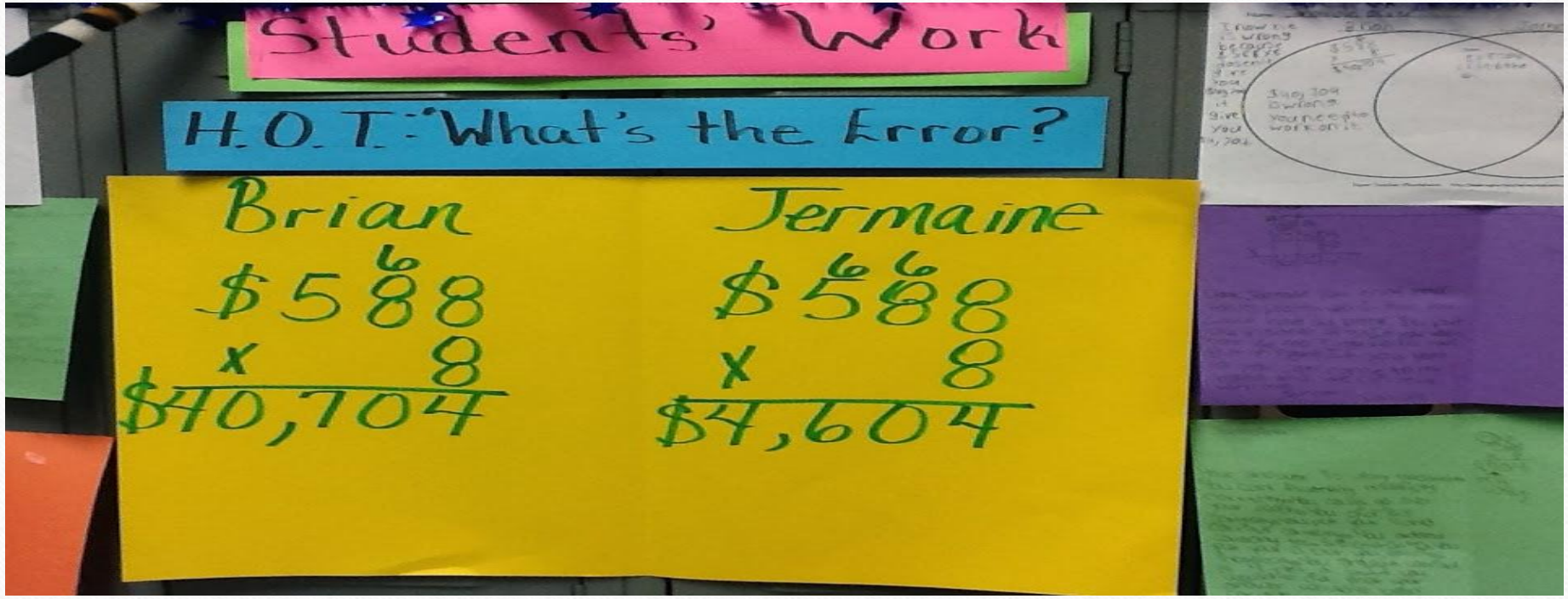
ALL learners

ELL, SpEd, GenEd, GT

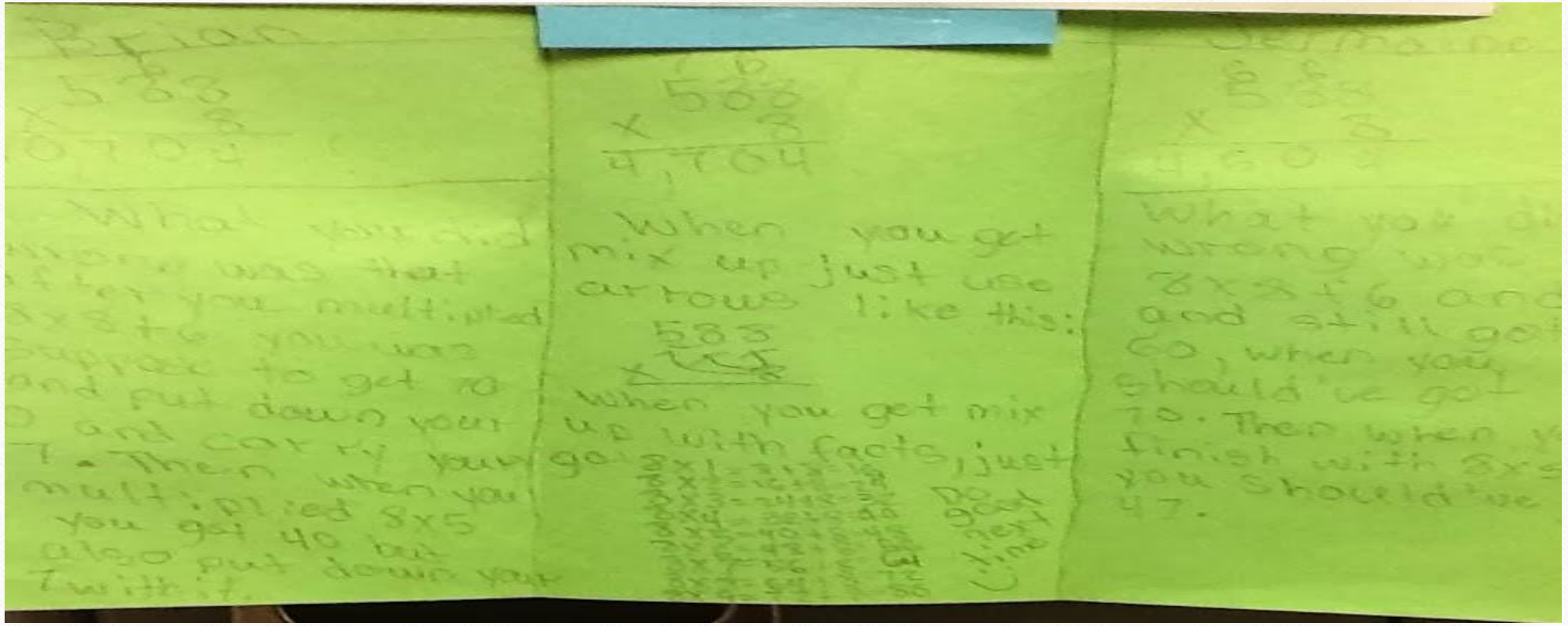
How So?

- Graphic organizers enable our scholars to literally see **connections** and **relationships** between facts and information.

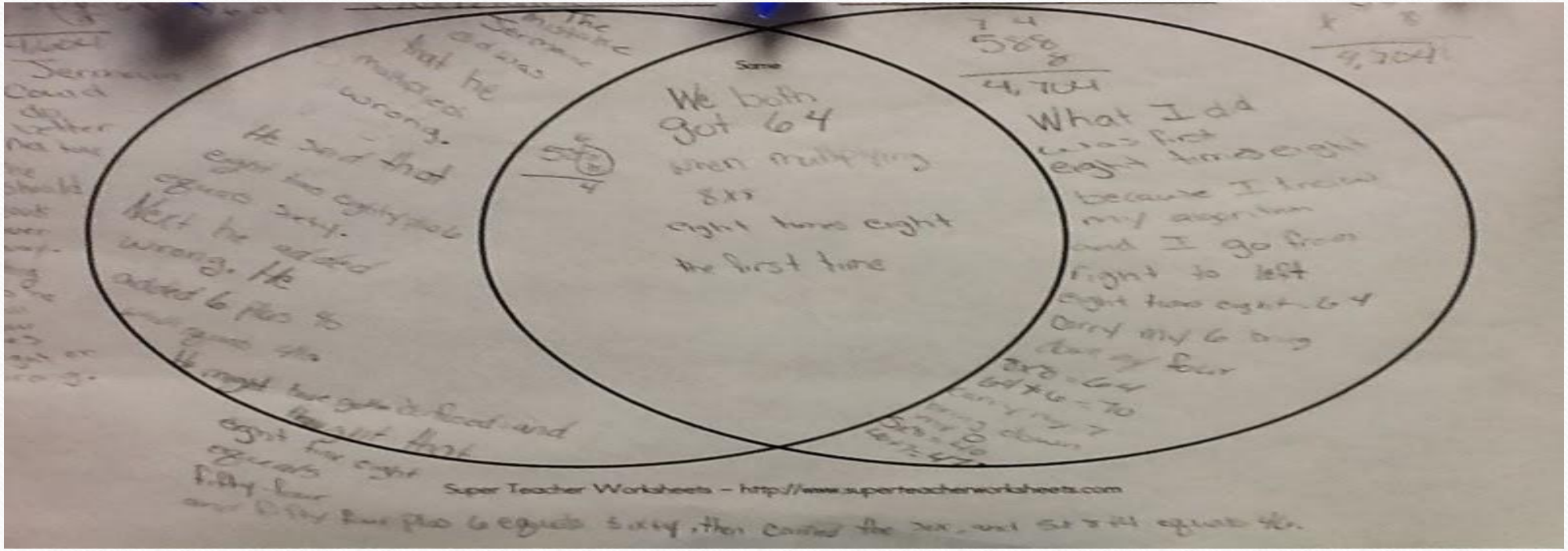
Work Sample 1



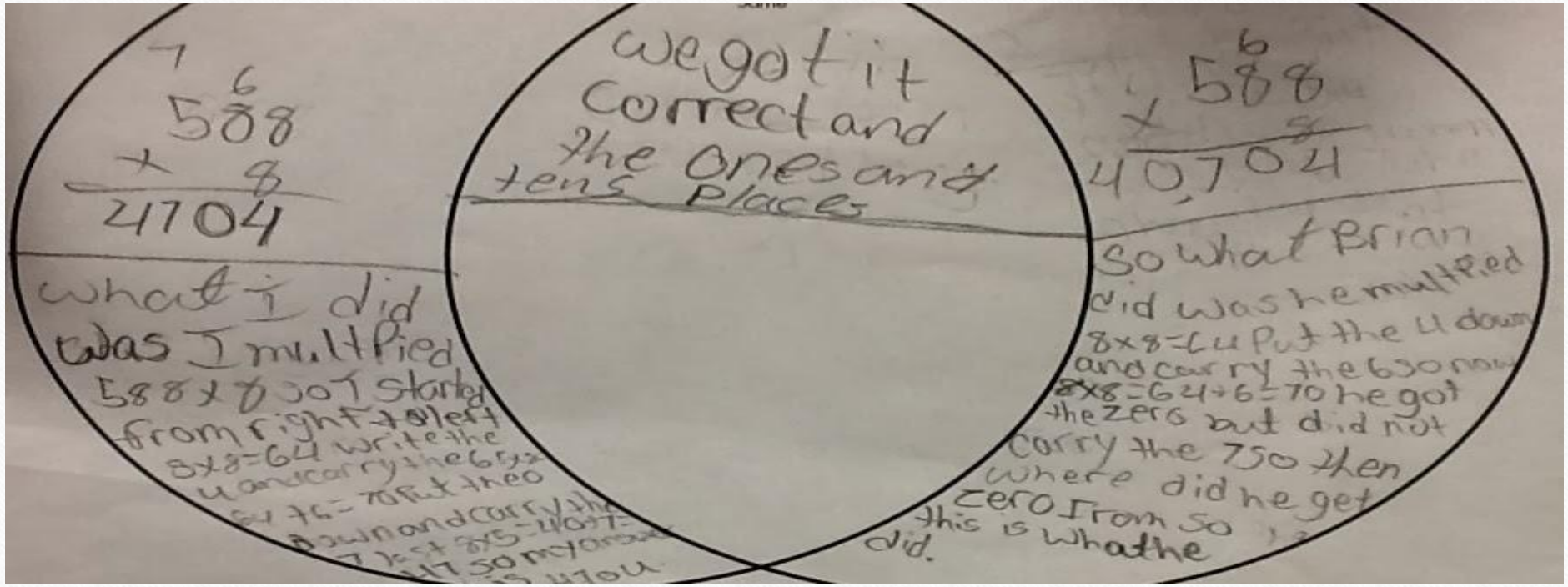
Work Sample 2



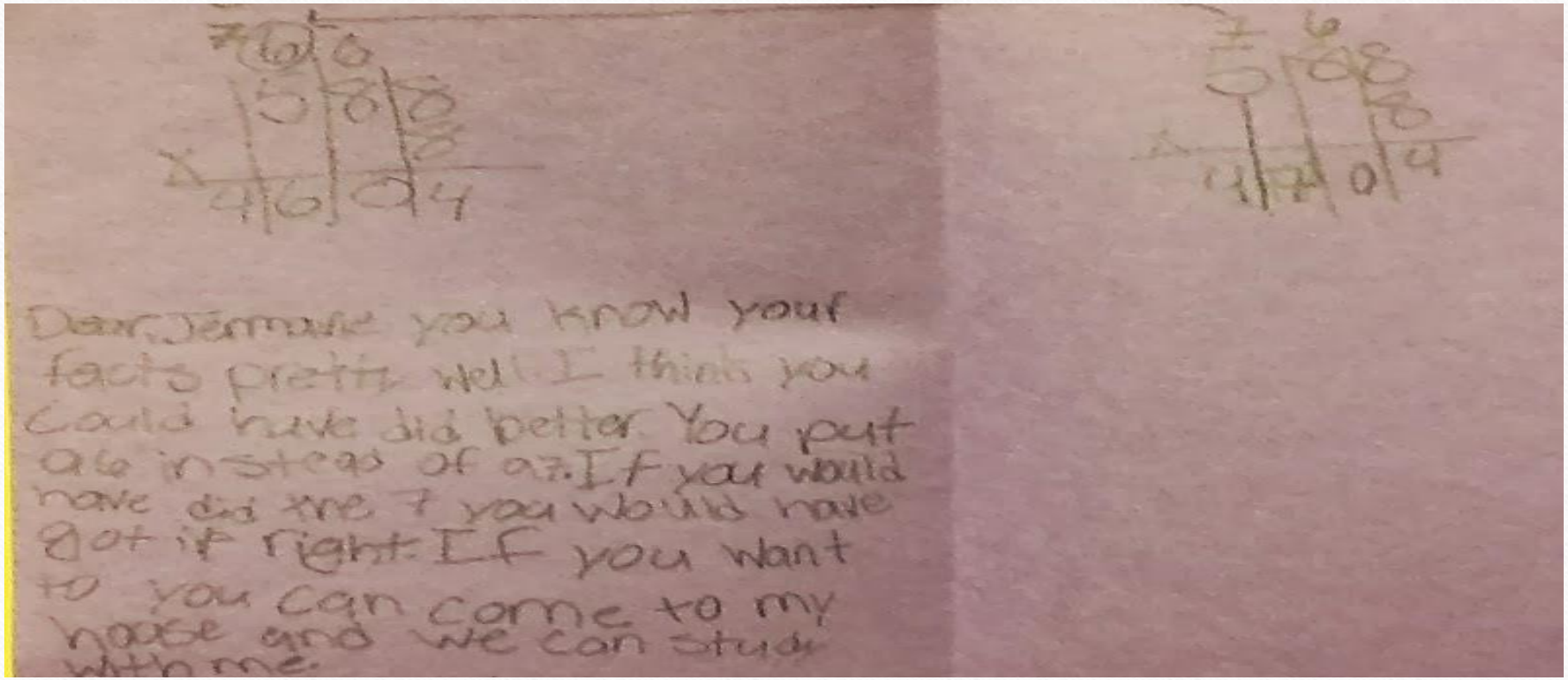
Work Sample 3



Work Sample 4



Work Sample 4



Sequencing in Math

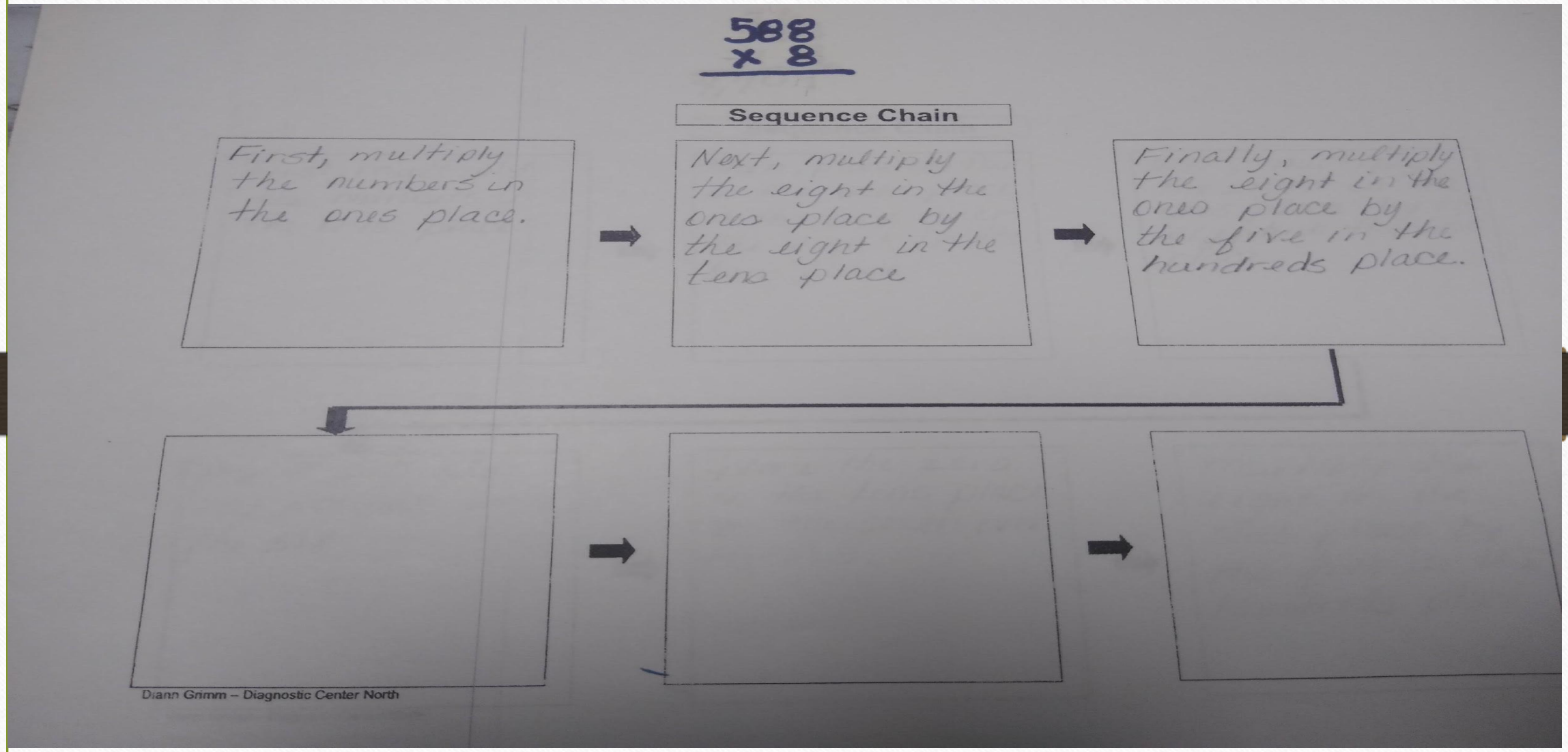
588
× 8

Sequence Chain

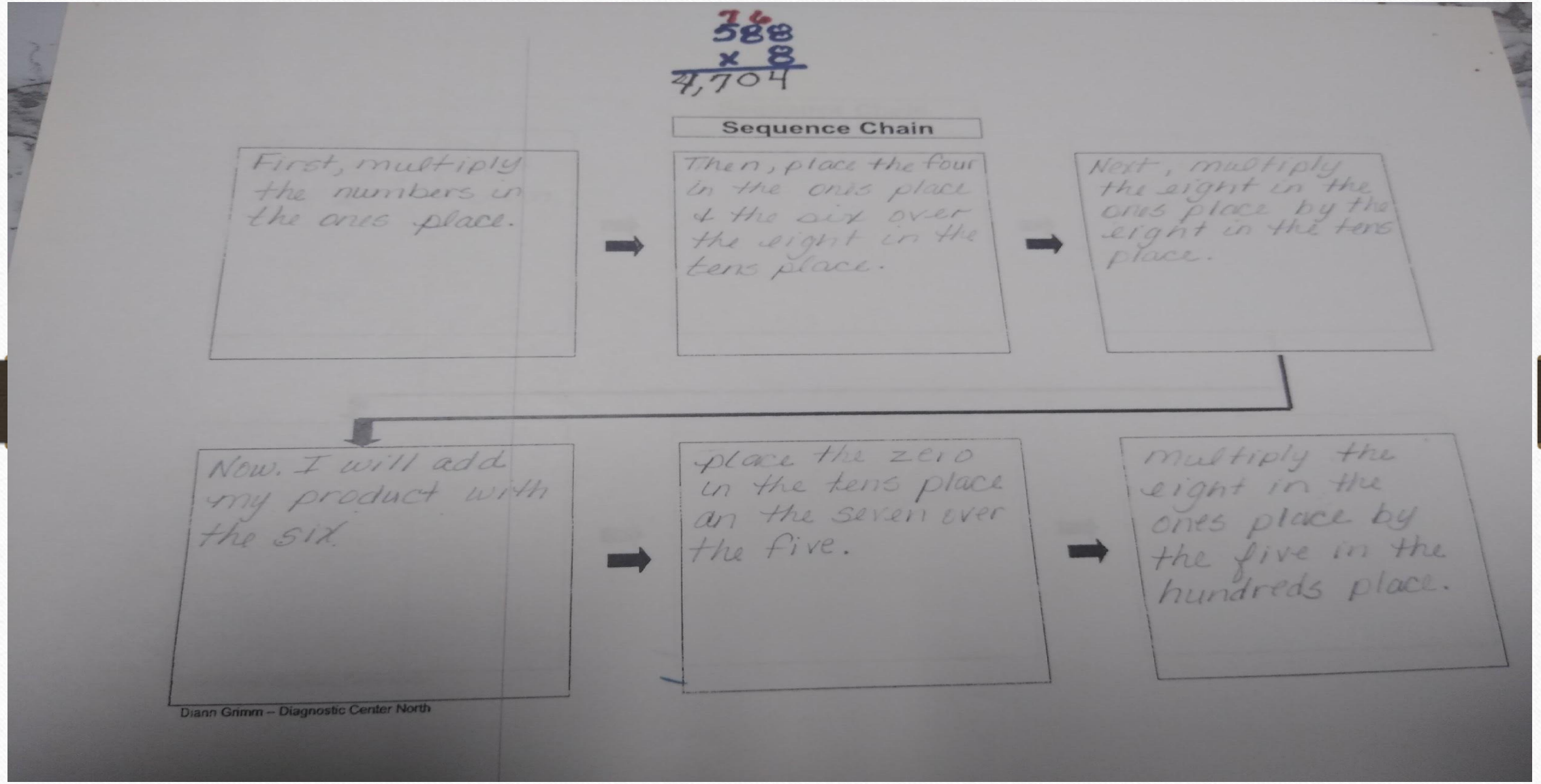
First, multiply the numbers in the ones place.

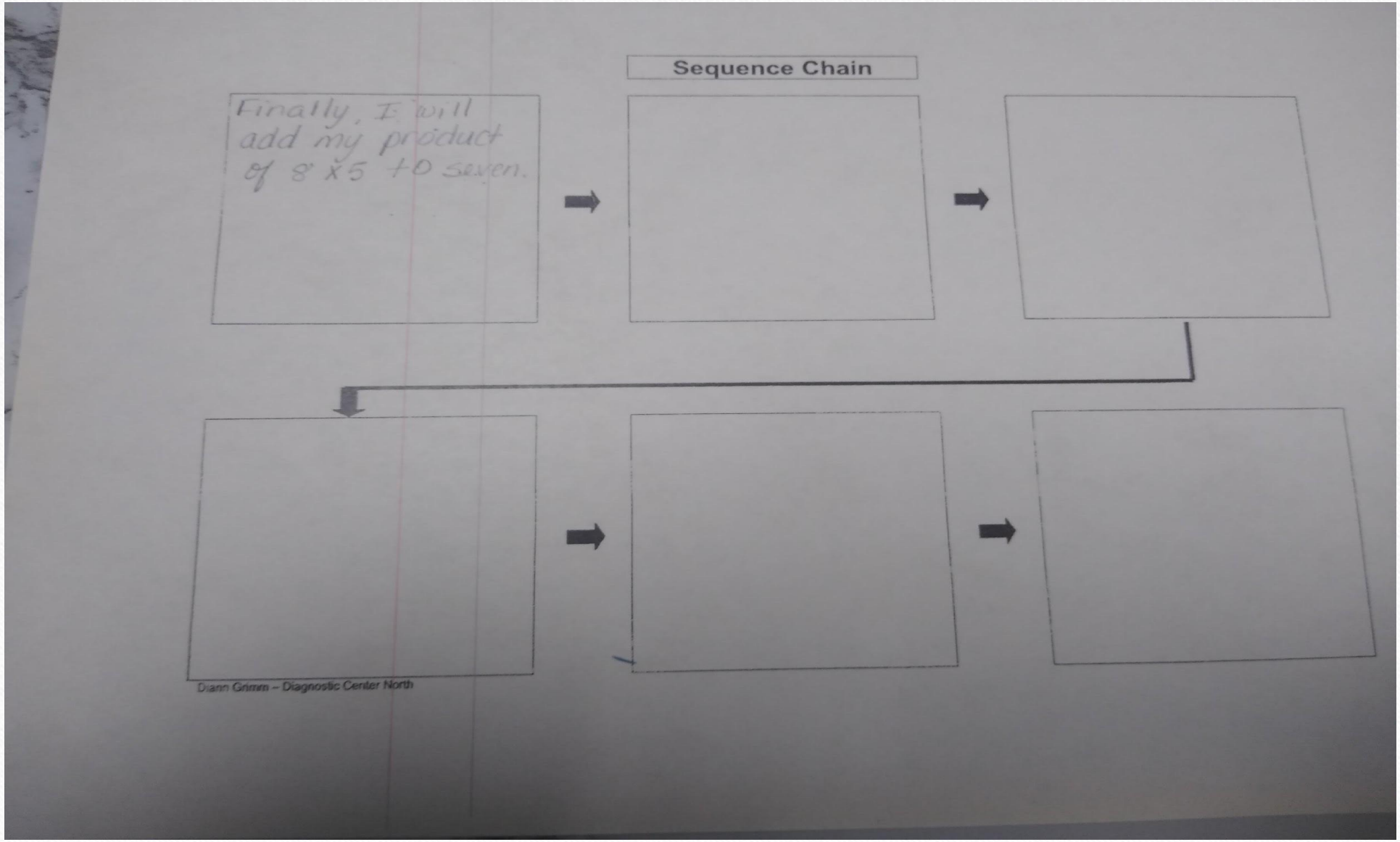
Next, multiply the eight in the ones place by the eight in the tens place

Finally, multiply the eight in the ones place by the five in the hundreds place.



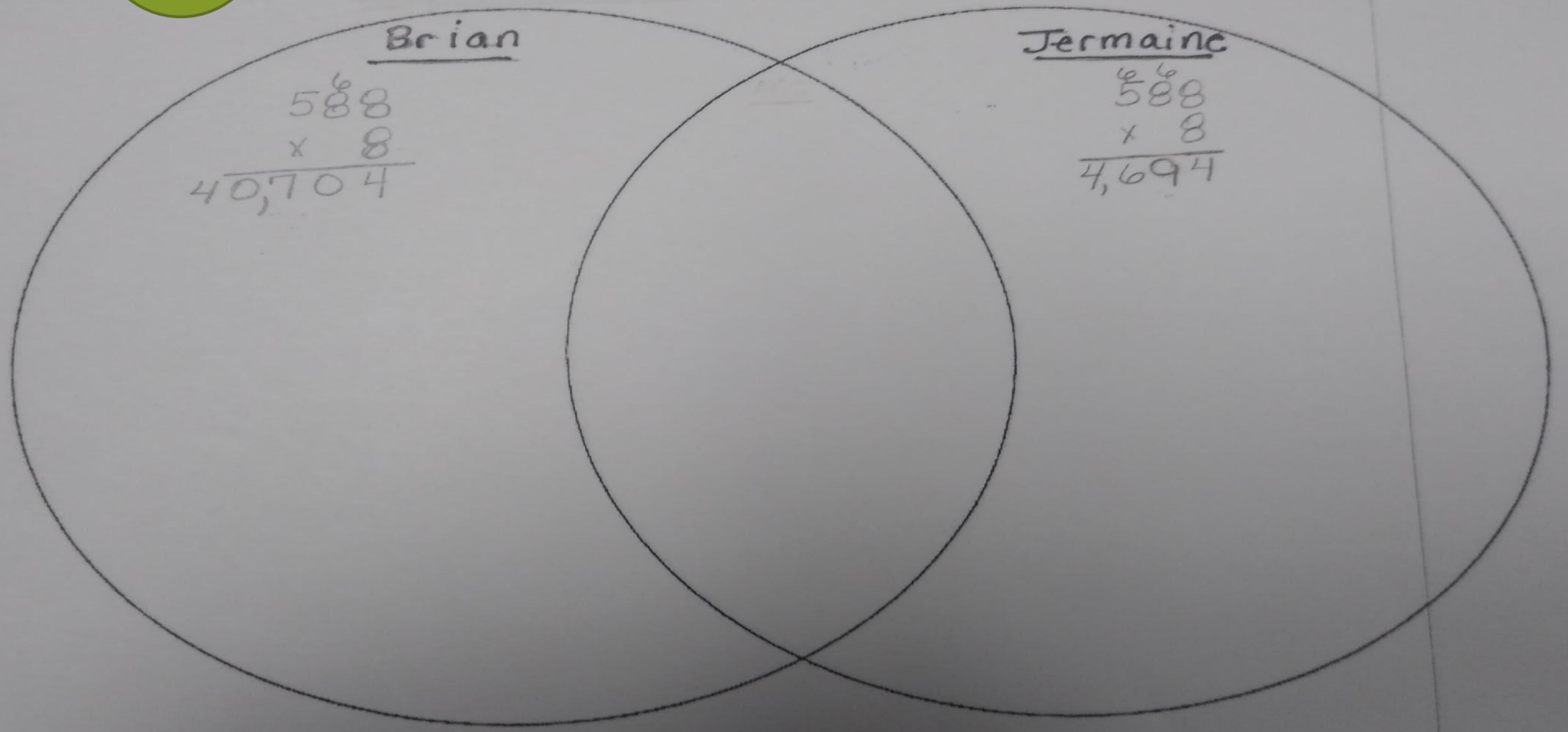
Diann Grimm – Diagnostic Center North


74
588
x 8
4,704
Sequence Chain
First, multiply the numbers in the ones place.
Then, place the four in the ones place & the six over the eight in the tens place.
Next, multiply the eight in the ones place by the eight in the tens place.
Now, I will add my product with the six.
place the zero in the tens place an the seven over the five.
multiply the eight in the ones place by the five in the hundreds place.
Diann Grimm – Diagnostic Center North


Sequence Chain
Finally, I will add my product of 8 x 5 to seven.
Diann Grimm – Diagnostic Center North

Name: _____ Date: 9.22.20 Class Period: 3rd

What's the error?



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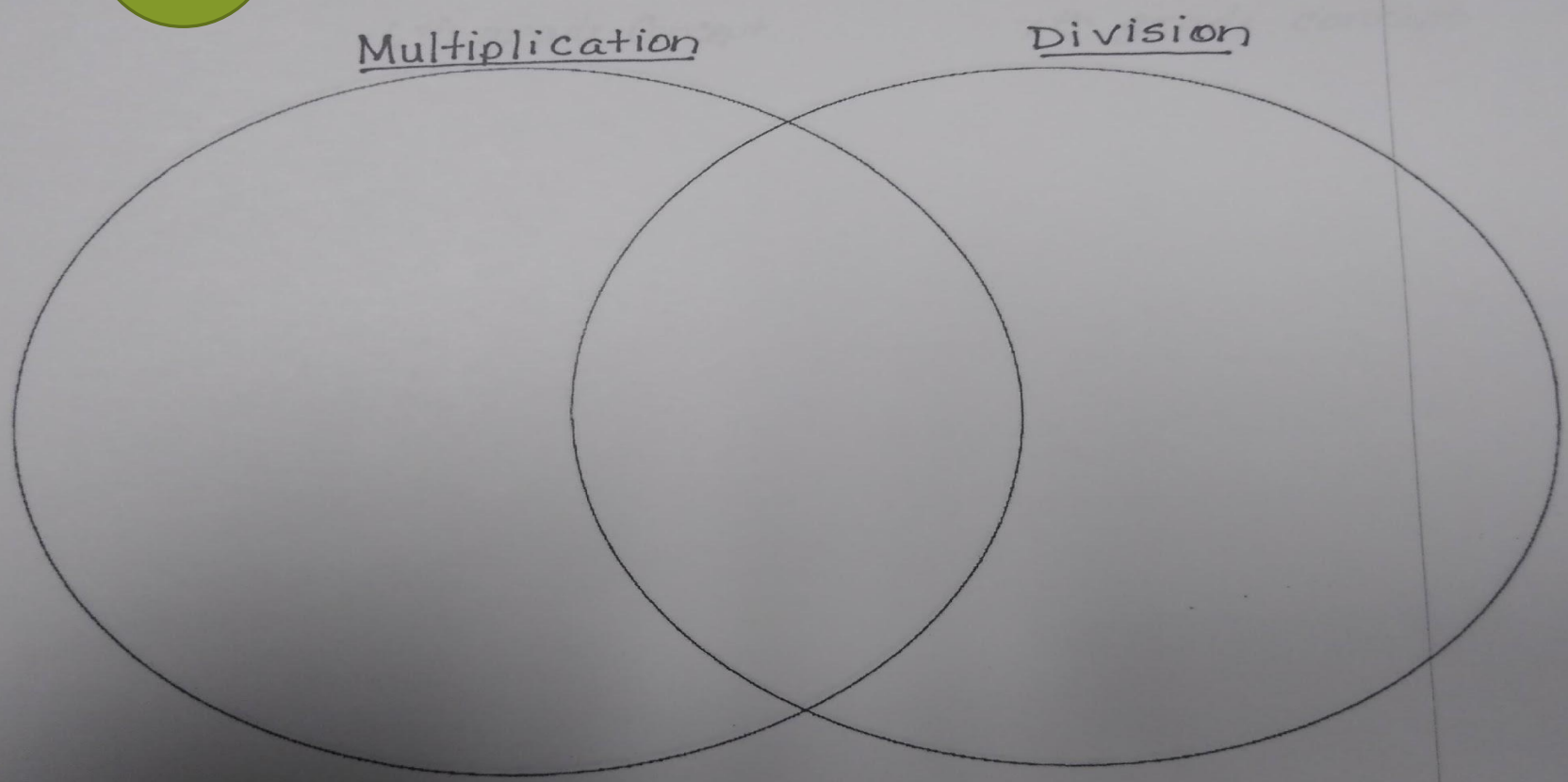

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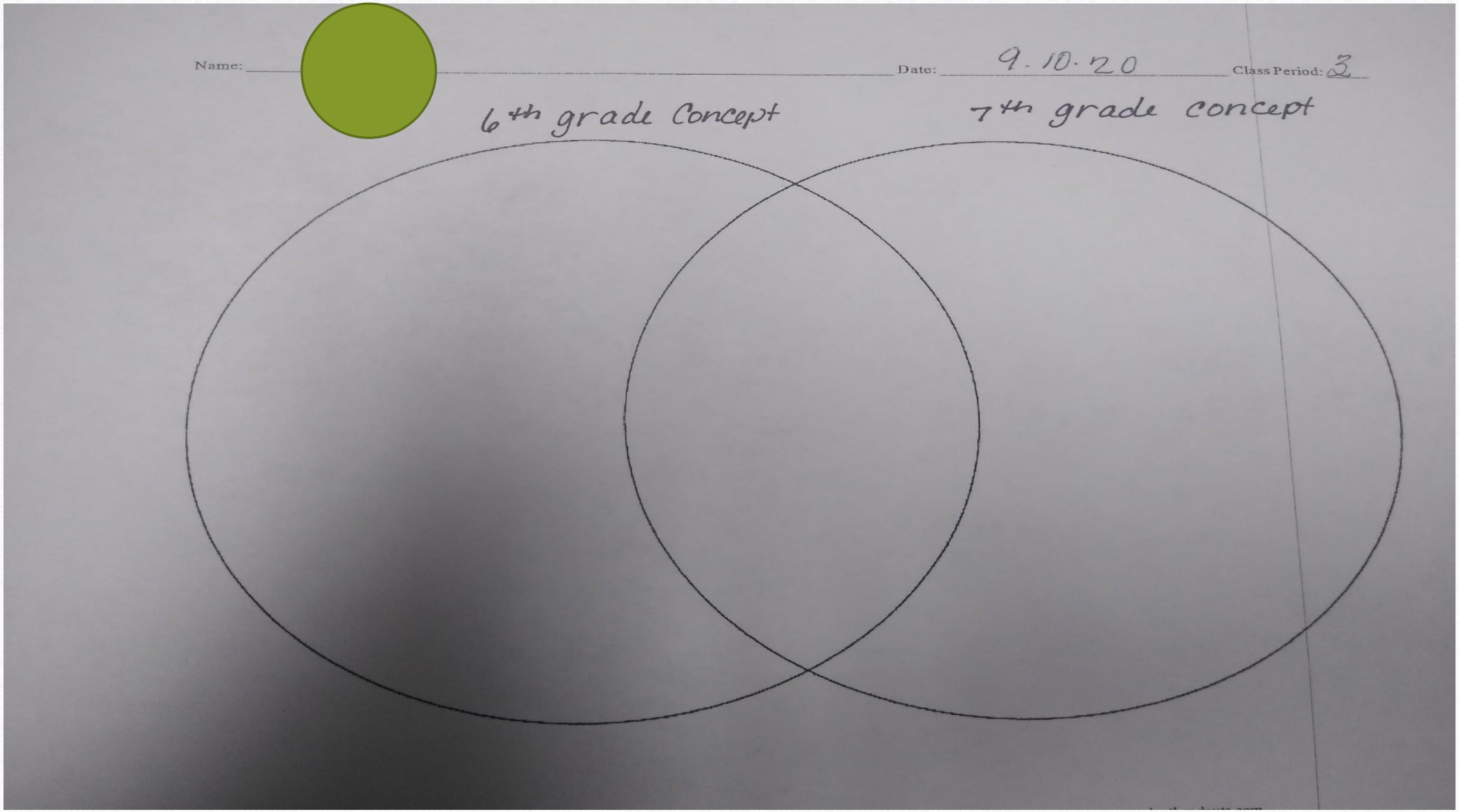
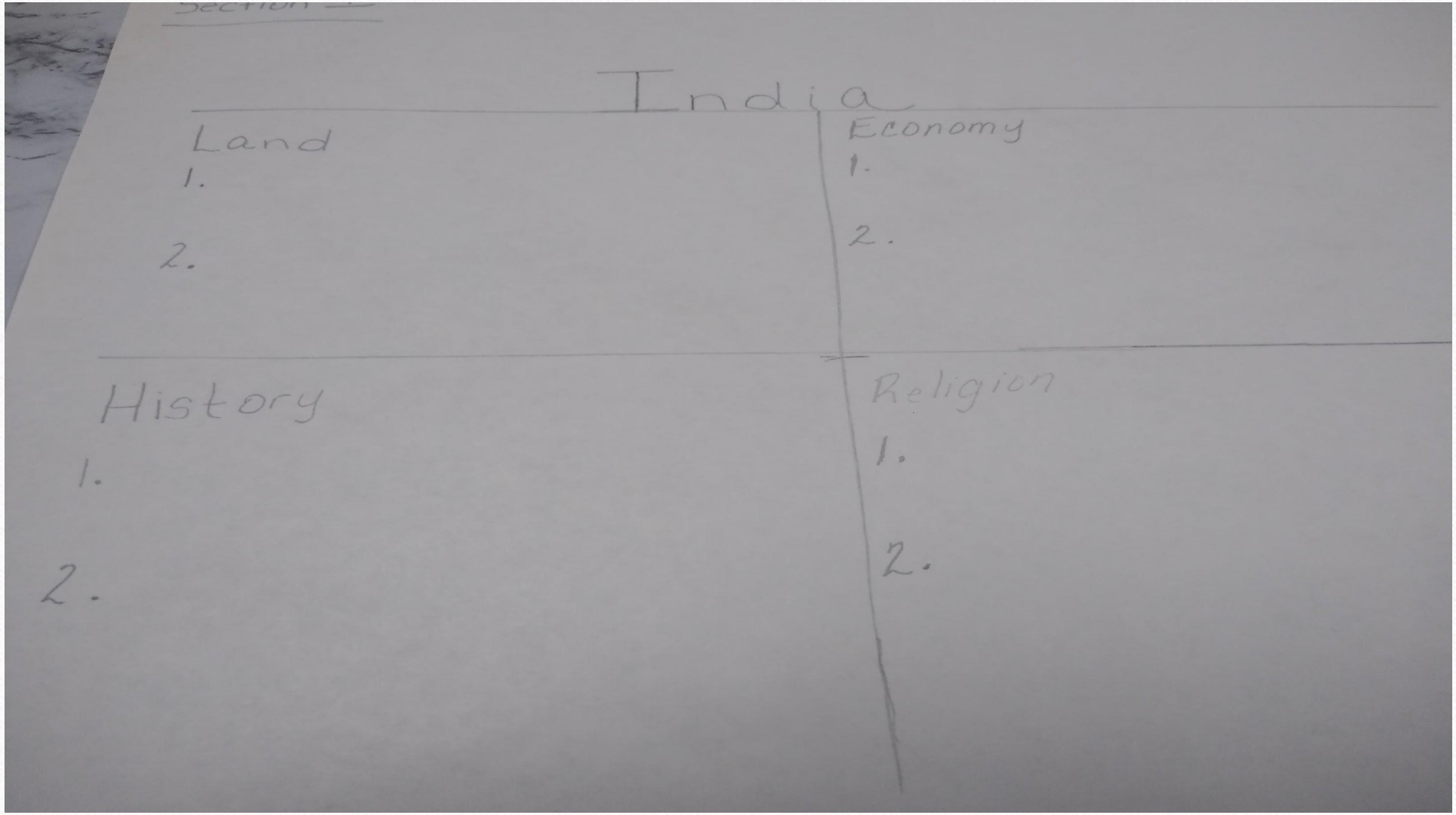
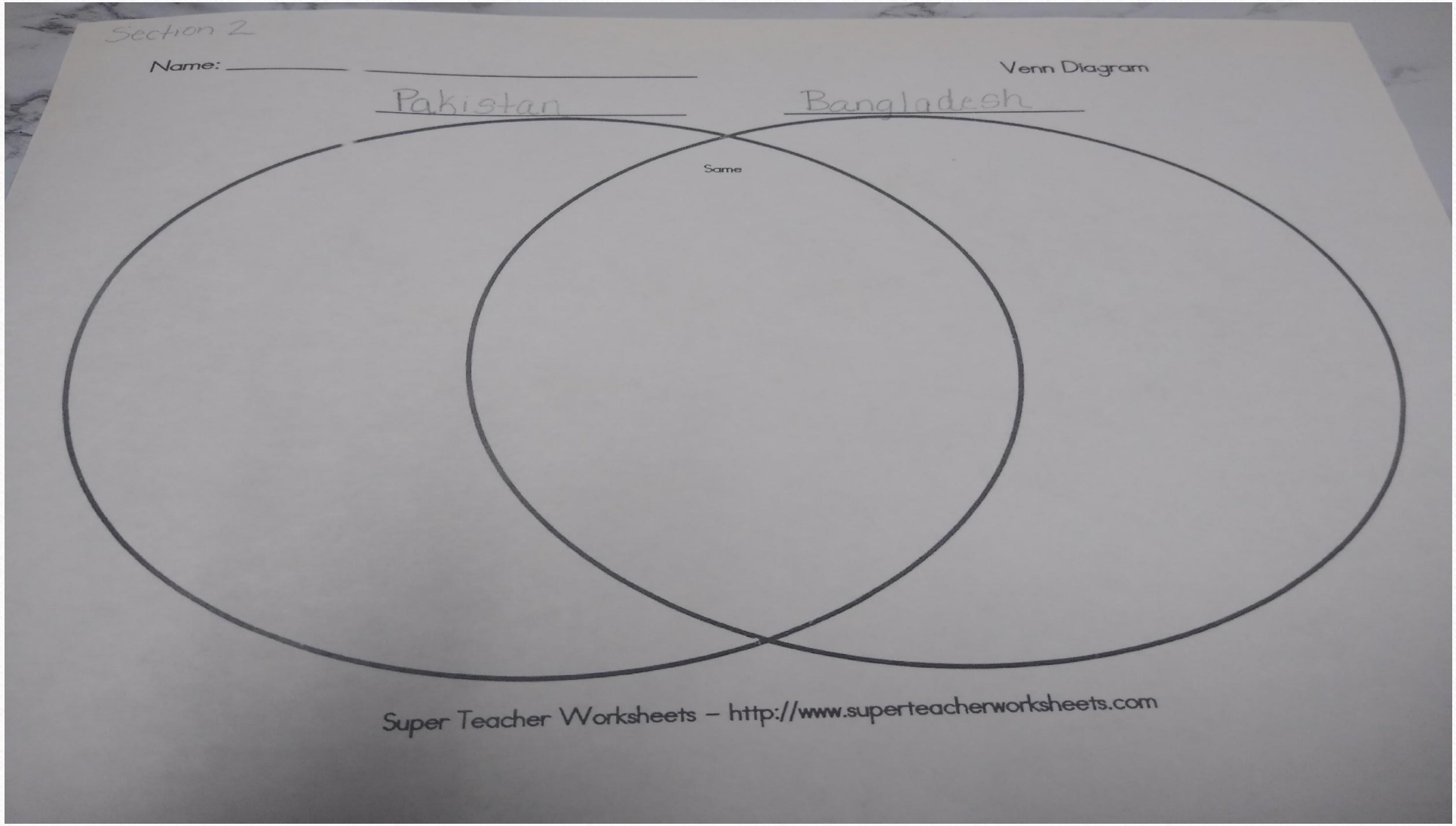


Learning Theory

- The human mind naturally organizes and stores information

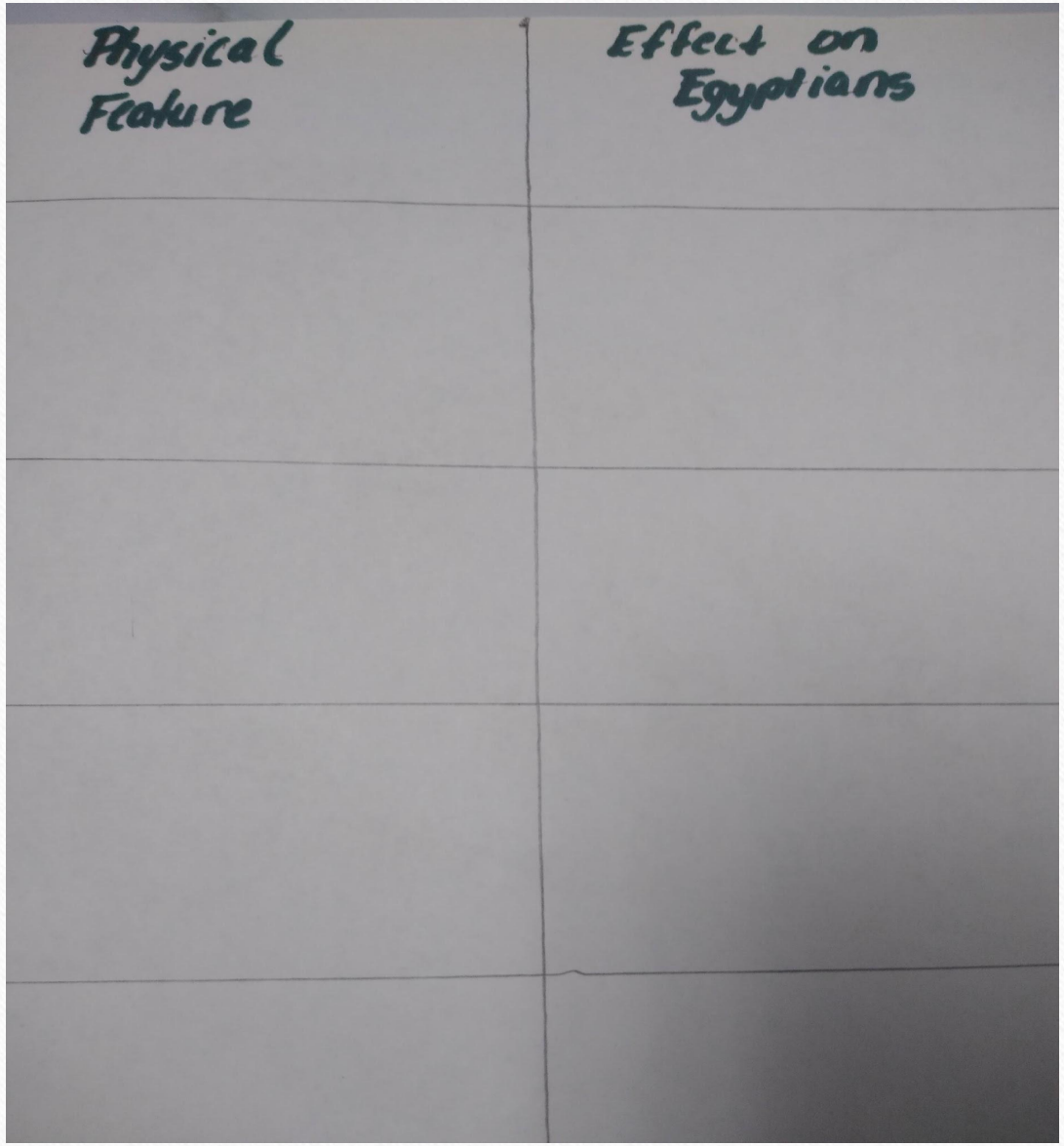
  Graphic Organizers are the visualizations of these mental storages, and serve to support students in ***remembering and connecting*** *information.*


India
Land
1.
2.
Economy
1.
2.
History
1.
2.
Religion
1.
2.


Section 2
Name:
Venn Diagram
Pakistan
Bangladesh
Same
Super Teacher Worksheets – http://www.superteacherworksheets.com

Section 3

Country	Economic Activities
Nepal	
Bhutan	
Sri Lanka	
Maldives	


Physical Feature
Effect on Egyptians

Anticipation Guide

Ancient Indians

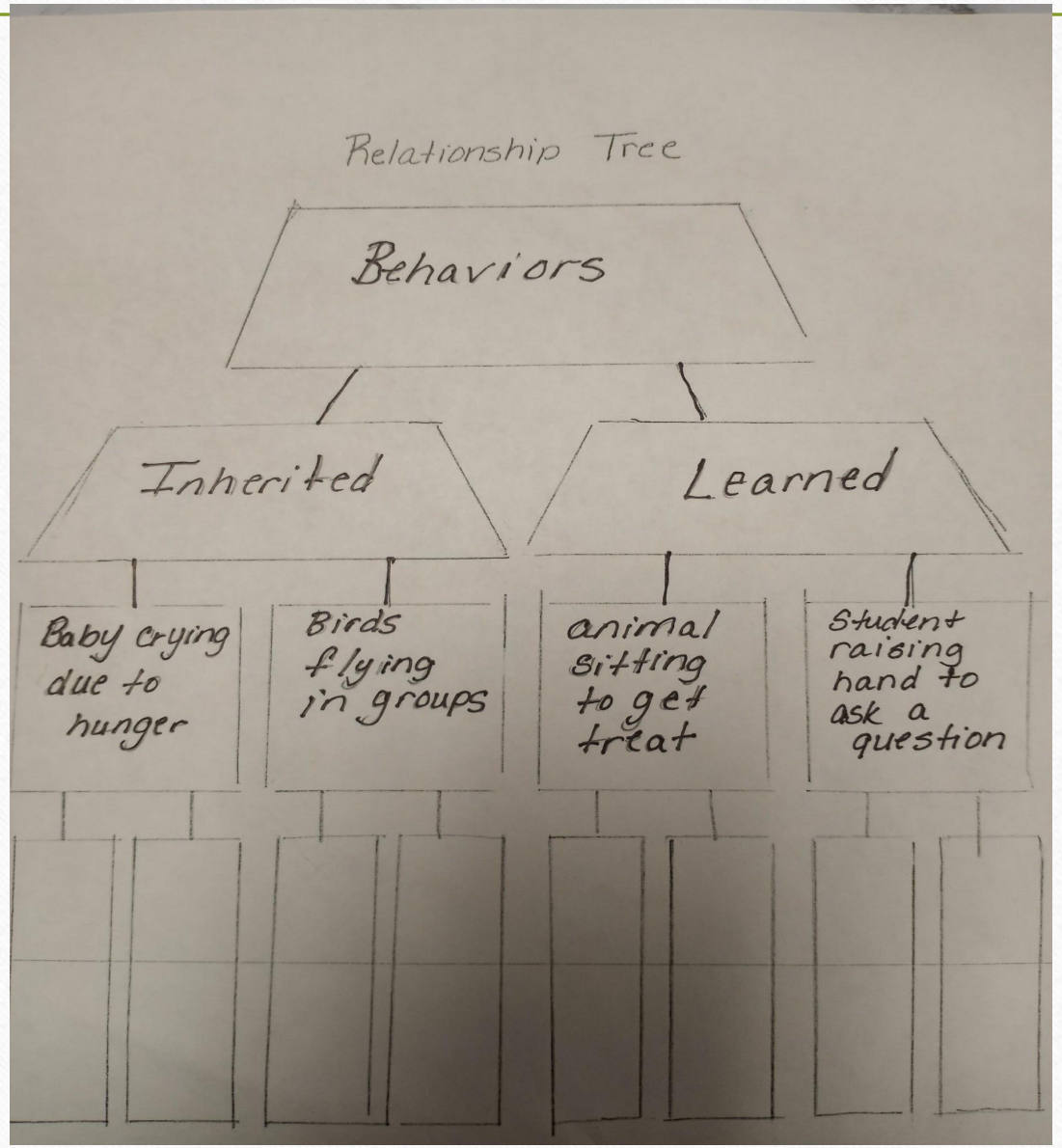
Predict *which of the following in each group* **did not** exist 10,000 years ago. You may correct your ***predictions*** as you read and discuss.

1.	giant mammals	fish	farmers
2.	hunters	sturdy homes	saber-toothed tigers
3.	spears	weavers	nomads
4.	gatherers	animal-skin shelters	villages
5.	Ice Age	mammoths	seed planting

What do we now have?

- Whole Brain Learning

Whole Brian Learning is an approach designed toward **maximizing** student engagement and focusing on the way the brain is **designed** to learn.


Relationship Tree
Behaviors
Inherited
Learned
Baby crying due to hunger
Birds flying in groups
animal sitting to get treat
Student raising hand to ask a question

Thing 1 & Thing 2!

- When our scholars are able to remember and assimilate information they can delve more into critical thinking.
- As learners we attend to what is novel and visually intriguing because the brain is more equipped to process images rather than text. Since graphic organizers integrate text and visual images, learners are having more whole brain experiences.

Graphic Organizer Facts

- Visual & Spatial
- Mind Mapping Across Ability Levels
- Both teaching & learning tools
- Organization and Structure