

Cohen Middle School
100 Robinwood Avenue
Elmira Heights, NY 14903
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Name: _____ Date: October 22, 2019

Math:

Dividing Fractions
Real life word problems
hmk wk wksht & Quiz Thurs.

Social Studies:

- Sumer
- Section II Notes
- Section III

HW: Tower of Babel

ELA:

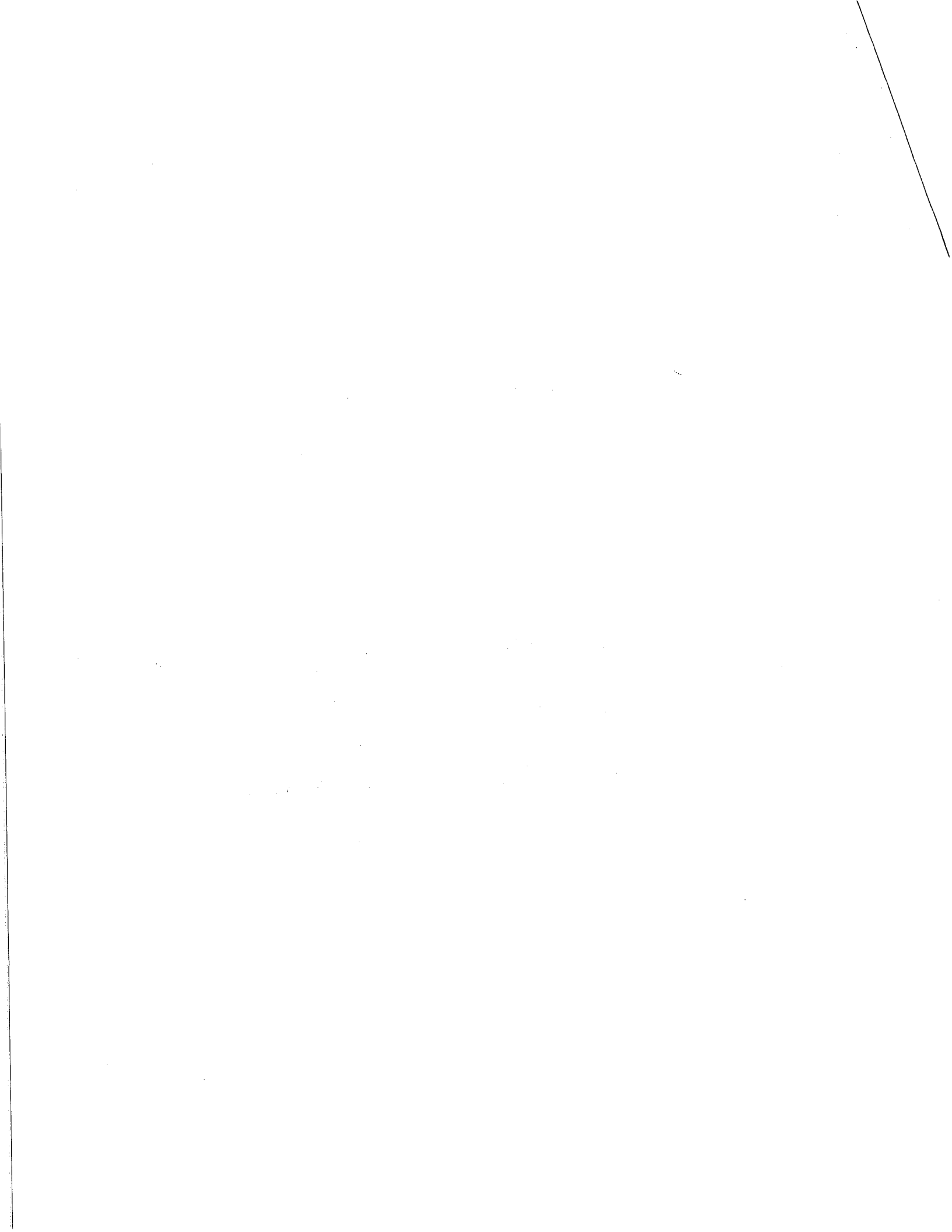
Warm Up

pt Read Michaela DePrince

Science

- Re-test any air trolley systems
Collect 6th grade data

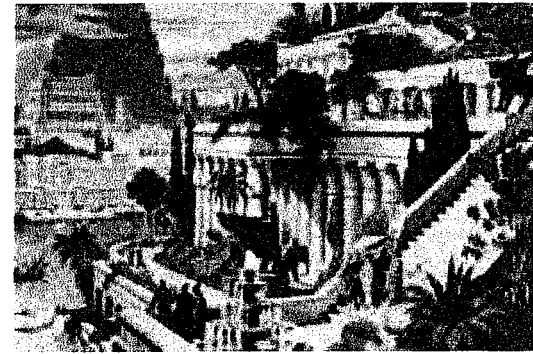
Computer Apps/ Technology



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The Tower of Babel and the Hanging Gardens of Babylon

In the olden days, Mesopotamia -- the bulk of it in present-day Iraq -- was where all the action took place. More than 5,000 years ago, people in Mesopotamia built the world's first cities. They created the world's first written language. And they brought forth the world's first civilization. Back in their heyday, they had two buildings that were their pride and joy. The first was the Tower of Babel. The second was the Hanging Gardens of Babylon.



According to the Bible (the Book of Genesis 11: 1-9), the Babylonians had an ambitious plan. In order to make a name for themselves, they wanted to build a splendid city and a giant tower in the land of Shinar (Babylonia). As they sketched out the blueprint, they decided that they wanted the top of their tower to reach the heavens. When God heard of the idea, He was not pleased. To disrupt the work, God made each of the workers speak a different language. Since they could no longer talk to each other, they had to stop the project. Eventually, those workers all moved away to settle in other parts of the world. God later called this city Babel because it sounded like the Hebrew verb *balal* (meaning "to confuse"). Babel, thus, became an alias of Babylon. And Babylon was the capital of Babylonia.

While the Bible gives us a pretty detailed account about the Tower of Babel, we cannot be sure how truthful the story is. We only know that this tale was used to explain why there were so many languages on Earth. For centuries, scholars have been trying to find out if the Tower of Babel actually existed. So far, they have not been able to reach an agreement. Some believe that the Tower of Babel is a myth. Others think it is real. Those who do have argued over its exact location.

The traditional image of the Tower of Babel is an unfinished step-pyramid-like structure. It had eight stories. Of course, given that we do not have any proof that this structure was ever built, we cannot know if that image is accurate!

Now that we know that the first landmark of Mesopotamia could be a legend, what about the second one?

In that regard, the Hanging Gardens of Babylon did not fare much better than the Tower of Babel.

According to ancient sources, a Babylonian King by the name of Nebuchadnezzar II (605 B.C. - 562 B.C.) built the Hanging Gardens of Babylon for his wife, Amytis. Amytis was the daughter of the Median king. Her homeland had beautiful mountains and lush green plants. After she married Nebuchadnezzar II, she found the new flat, sun-baked landscape depressing. So she got homesick. To please his wife, Nebuchadnezzar II constructed a vaulted, multi-storied building with rooftop gardens. It had pumps that could raise buckets of water from the nearby Euphrates River to the terraces on different levels. Each terrace had a waterproofed base that

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used lead and other materials. It was covered with soil deep enough to grow all types of plants.

For the longest time, many scholars wondered if the Hanging Gardens of Babylon really existed. They pointed out that while the Greeks made several references to the building, the Babylonians never left any written record about it. Since the Babylonians liked to keep a detailed account of everything, it was quite strange that they would choose to remain silent on the subject. It was very likely that the Greeks exaggerated the gardens they saw in Babylon. As a result, it was their wild imagination that made the elusive Hanging Gardens of Babylon one of the Seven Wonders of the Ancient World.

To make matters even more confusing, some historians said that Nebuchadnezzar II never built the Hanging Gardens of Babylon. They gave the credit to the Assyrian Queen Sammu-ramat or Semiramis. If that was indeed the case, then the Hanging Gardens of Babylon were built around 810 B.C.

Because of the lingering doubt about the Hanging Gardens of Babylon, many scientists took it upon themselves to solve the mystery. One of them, Robert Koldewey (1855-1925), spent nearly two decades in Iraq. After years of digging, he believed that he found the ruins of the Hanging Gardens of Babylon. His discovery, however, is in dispute. Some scholars argued that Robert's site is too far from the Euphrates River. So as it stands right now, we still don't know who built the Hanging Gardens of Babylon. And we have no clue if it was real!

The Tower of Babel and the Hanging Gardens of Babylon

Questions

- _____ 1. Which of the following about the Tower of Babel is correct?
- A. According to the Bible, it was never completed.
 - B. It was a vaulted, multi-storied structure with rooftop gardens.
 - C. Nebuchadnezzar II built it around 600 B.C.
 - D. Queen Sammu-ramat built it around 810 B.C.
- _____ 2. What materials did the Babylonians use to prevent water from seeping through the terraces of the Hanging Gardens of Babylon?
- A. plastic
 - B. soil
 - C. glass
 - D. lead
- _____ 3. Which book in the Bible described the Tower of Babel?
- A. the Book of Genesis
 - B. the Book of Daniel
 - C. the Book of Matthew
 - D. the Book of Titus

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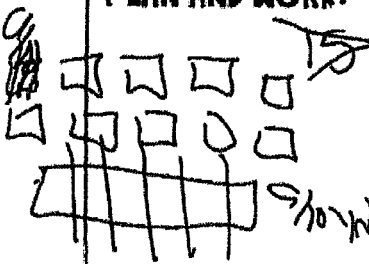
- _____ 4. Which of the following about the Hanging Gardens of Babylon is correct?
- A. It stood on the bank of the Tigris River.
 - B. It was never completed because Nebuchadnezzar II changed his mind.
 - C. The Babylonians never mentioned anything about it.
 - D. Nebuchadnezzar II built it to please his mother, Queen Sammu-ramat.
- _____ 5. What did God do to end the work on the Tower of Babel?
- A. He made every worker speak a different language.
 - B. He destroyed the blueprint.
 - C. He killed all the workers.
 - D. He burned it to the ground.
- _____ 6. According to the Bible, where was the Tower of Babel?
- A. in Egypt
 - B. in Anatolia
 - C. in Assyria
 - D. in Babylonia
- _____ 7. Which of the following about Mesopotamia is NOT correct?
- A. The world's oldest civilization was in Mesopotamia.
 - B. People in Mesopotamia were the first to build a city.
 - C. The bulk of Mesopotamia was in present-day Iran.
 - D. People in Mesopotamia were the first to develop a written language.
- _____ 8. The discovery of Robert Koldewey confirmed the existence of the Hanging Gardens of Babylon.
- A. false
 - B. true

DIVIDING FRACTIONS IN REAL LIFE

1. A 15-pound bag of sugar is being split into containers that hold $\frac{7}{8}$ of a pound. How many containers of sugar will the 15-pound bag create?

I KNOW: 15 lb bag Sugar Containers that hold $\frac{7}{8}$ lb	I NEED TO KNOW: How many $\frac{7}{8}$ lb Containers are needed?
PLAN AND WORK: $15 \div \frac{7}{8}$ $\frac{15}{1} \cdot \frac{8}{7} = \frac{120}{7}$ $17\frac{1}{7}$	MY SOLUTION: 18 Containers are needed.

2. Leo is building a model. He has a board that measures $\frac{9}{10}$ of a yard. If he cuts it into 15 equal parts, then how long will each piece be?

I KNOW: $\frac{9}{10}$ yd board cut 15 equal pieces	I NEED TO KNOW: How many yd will each piece be?
PLAN AND WORK:  $\frac{9}{10} \div 15$ $\frac{9}{10} \cdot \frac{1}{15} = \frac{3}{50}$	MY SOLUTION: $\frac{3}{50}$ yd

What is different about this problem? How does it change my plan?

$$\begin{array}{r} 3 \overline{) 915} \\ \underline{30} \\ 615 \\ \underline{600} \\ 15 \end{array}$$

$$\frac{9}{150}$$

3. Amanda uses $\frac{1}{3}$ of a cup of milk each time she makes a batch of pancakes. How many batches can she make if she only has $\frac{11}{12}$ of a cup of milk left?

<p>i KNOW:</p> <p>$\frac{1}{3}$ of a cup of milk for batch $\frac{11}{12}$ of a cup of total milk</p>	<p>i NEED TO KNOW:</p> <p>How many batches of pancakes can Amanda make?</p>
<p>PLAN AND WORK:</p>	<p>MY SOLUTION:</p> <p>Amanda can make $2\frac{3}{4}$ batches of pancakes.</p>

4. Mrs. Mitchell teaches a ceramics class. She finds that she has $\frac{7}{8}$ of a pound of clay for a project. The project requires $\frac{1}{6}$ of a pound. How many projects can Mrs. Mitchell complete without running out of clay?

<p>i KNOW:</p> <p>$\frac{7}{8}$ of a pound of clay $\frac{1}{6}$ of a pound for 1 project</p>	<p>i NEED TO KNOW:</p> <p>How many projects can Mrs. Mitchell complete?</p>
<p>PLAN AND WORK:</p>	<p>MY SOLUTION:</p> <p>Mrs. Mitchell can complete $5\frac{1}{4}$ projects.</p>

DIVIDING FRACTIONS

Use a model to solve the problems below.

1. A piece of thread is $\frac{11}{12}$ inches long. Jenny needs to cut the thread into $\frac{1}{6}$ -inch segments. How many segments can she cut?

2. There is $\frac{7}{8}$ of a quart of orange juice. Mrs. Mathewson would like to serve her guests $\frac{3}{16}$ of a quart of orange juice. How many servings of orange juice can she serve?

Divide the fractions below using the algorithm.

3. $\frac{5}{6} \div \frac{2}{7} =$

4. $2\frac{2}{3} \div 1\frac{1}{6} =$

5. $1\frac{2}{7} \div \frac{1}{2} =$

