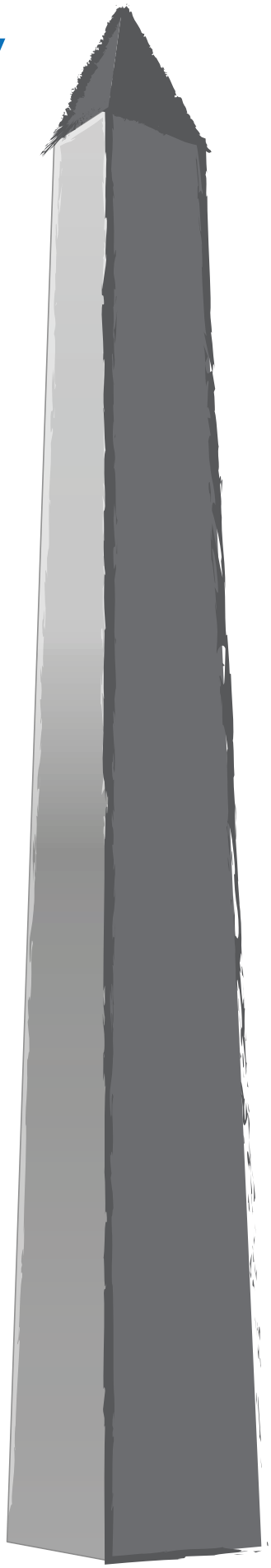
Zin Monument Activity

Instructions Sheet



Frame it!

"In the ancient city of Atlantis, a great monument was constructed in honor of the goddess Diane. It is known as the Zin Monument."

Objective

Figure out which day of the week the Zin Monument was completed.

Guidelines

- You may only share information on your cards orally
- One full deck, distributed evenly is required for a team to solve the problem
- Note: this activity requires intensive problem solving and may not be appropriate in all settings

This document was co-created by We! and APEX Learning Group

Source: Idea for this activity came from Dave Francis and Don Young's book titled Improving Work Groups: A Practical Manual for Team Building

Cut and pass out the following information cards and clues to team members.

Day 1 in the Atlantian week is called "fire-day"

Day 2 in the Atlantian week is called "water-day"

Day 3 in the Atlantian week is called "wind-day"

Day 4 in the Atlantian week is called "earth-day"

Day 5 in the Atlantian week is called "light-day"

Does work take place on Sunday?

During the working day each worker takes rest periods totaling 16 Parts

Each block is one cubic meter

Each team includes 2 women

Only one team works on the construction of the Zin

Green has a special significance on "earth-day"

No work takes place on "light-day"

One member of each team has religious duties and does not lay blocks

The basic measurement of time in Atlantis is a day

The depth of the Zin is 10 meters

The height of the Zin is 100 meters

The length of the Zin is 50 meters

The working day has 9 steps

The Zin is built of stone blocks

The Zin is made of green blocks

There are 120 centimeters in a Megalithic meter

What is a cubit?

What is a Zin?

There are 5 days in an Atlantian week

There are 8 Parts in a Step

Work starts on the first day of the Atlantian week

Workers each lay 150 blocks during each Step

A cubit is a cube, all sides of which measure one Megalithic meter

An Atlantian day is divided into Steps and Parts

At any one time when work is taking place there is a team of 9 people on site

Zin Monument Activity

Answer and Rationale

- 5 days
- 9 people, 8 work
- Work day 9 steps
- Rest for 16 parts
- 8 parts in 1 step
- Each worker lays 150 blocks in each step
- So 8 workers laying 150 blocks in each step = 1200
- Working for 7 steps = 8400 blocks
- Zin = 50,000 blocks
- 50,000/8400 = 5.9
- **Answer**: Day 2 of 2nd week which is "water-day"