

Access2online

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Something to Think About ...

THE FATHER OF algebra, Diophantus, was a Greek mathematician who lived in the third century B.C. He was one of the first mathematicians to use algebraic symbols. Most of what is known about Diophantus' life comes from an algebraic riddle from around the early sixth century. The riddle states:

Diophantus' youth lasted one-sixth of his life. He grew a beard after one-twelfth more. After one-seventh more of his life, he married. Five years later, he and his wife had a son. The son lived exactly one-half as long as his father, and Diophantus died four years after his son. How many years did Diophantus live?

Solution: The riddle, the "facts" of which may not be true, results in this following equation: $x/6 + x/12 + x/7 + 5 + x/2 + 4 = x$, where x is Diophantus' age at the time of his death. Therefore, Diophantus lived exactly 84 years.

Solutions from the Previous Month's Brain Teasers

#29) The Length of the Train: Al and Ben are standing back to back next to a railroad track. When the front of a train passes them, Al starts to walk in the opposite direction of the train, while Ben starts to walk in the same direction as the train. Each stops walking when the back of the train passes him. If the two of them walk at the same speed, and Al walks exactly 30 feet and Ben walks exactly 45 feet, how long is the train?

The train is 180-feet long. When the back of the train passes Al, he and Ben have both walked 30 feet, meaning Ben will walk 15 more when the train passes him. The 30 feet that Al walks plus the 45 feet that Ben walks makes 75 feet that the back of the train travels in the same time that Ben walks 15 feet, meaning the train is 5 times as fast as Al and Ben. In the time it takes Al to walk 30 feet, the front of the train moves 150 feet. This distance plus the 30 feet that Al has walked equals 180 feet.

#30) Sum-day Soon: Some people believe that January 1, 2000, is the first day of the 21st century. Other people believe that the honor belongs to January 1, 2001. But everyone should agree that January 1, 2002 is the first "sum-day" of the new century. When you write out that date in standard notation, it becomes 01/01/02, and $1 + 1 = 2$. More generally, a sum-day is a date in which the day and month add up to the year. With that in mind:

What is the last sum-day of the 21st century? The last sum-day of the 21st century is December 31, 2043, because $12 + 31 = 43$, and both the month and day are as big as possible.

Something to Think About ...

The following is a summary of Relocation Operations funds requested for FY2023:

Estimated costs:

Housing & Related Costs	\$700,000
Padres Mesa Demonstration Ranch	0
Range Improvements	700,000
Management of Trust Properties	0
Total FY2023 Relocation Operations Request	\$800,000

Tab #	Item Description	Ref #	Name	Status
	General			
1	Roll Call	1.1	Lucy	C
2	Welcome	1.2	Tom	R
3	Minutes	1.3	Bernadette	C
	Reports			
4	Presentation	1.5	Ralph	T
5	Updates	4.1	Eric	D

List

* Section 508 (in E205.3) listed nine categories of “official business” in defining when non-public electronic content constitutes “official business” and therefore must be accessible. The categories range from emergency notifications to a formal acknowledgement of receipt to intranet content designed as a web page. The state standard omits those categories. Instead:

- i. Agency intranet sites are considered “official business” and all its content and related communications (such as news bulletins) must be accessible.
- ii. Marking a document as final signifies it is now official business and must be accessible.
- iii. While workgroup sites could have non-final content that is not accessible, agencies are advised that if employees do not follow general best practices when creating drafts

and other documents for sharing via email or on team sites, several negative scenarios could result:

1. Employees may have to “out” themselves (against ADA principles) in order to request an accessible document.
2. After hiring an employee with a disability, agencies may have to spend a significant sum to remediate documents; an avoidable event had the documents

Link

For more info visit

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For further information on Access2online, go to: www.thisisafakelink.com.

Printfields

Education & Job Training

1. Education level completed: Certificate GED High School Diploma ?A.A. ? B.A. ?M.A.
2. Are you presently enrolled in school or training program? ? Yes ? No

Other: _____

Name of School or Agency: PSU _____

Figure with a Caption



Instructor Karl walking to class carrying a guitar with a walking stick.