## Greenwich Country Day School

**ROBERT KAPLINSKY** 











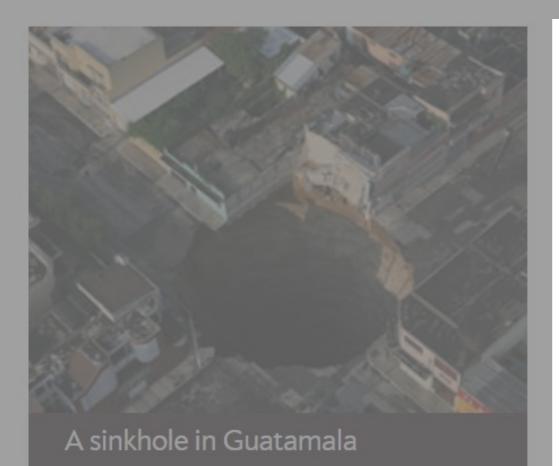
# Sinkhole Dimensions Slate: "A sinkhole, 65 feet across and 100 feet deep"



#### How To Fix a Giant Sinkhole

The cement method vs. the graded-filter technique.

By Brian Palmer

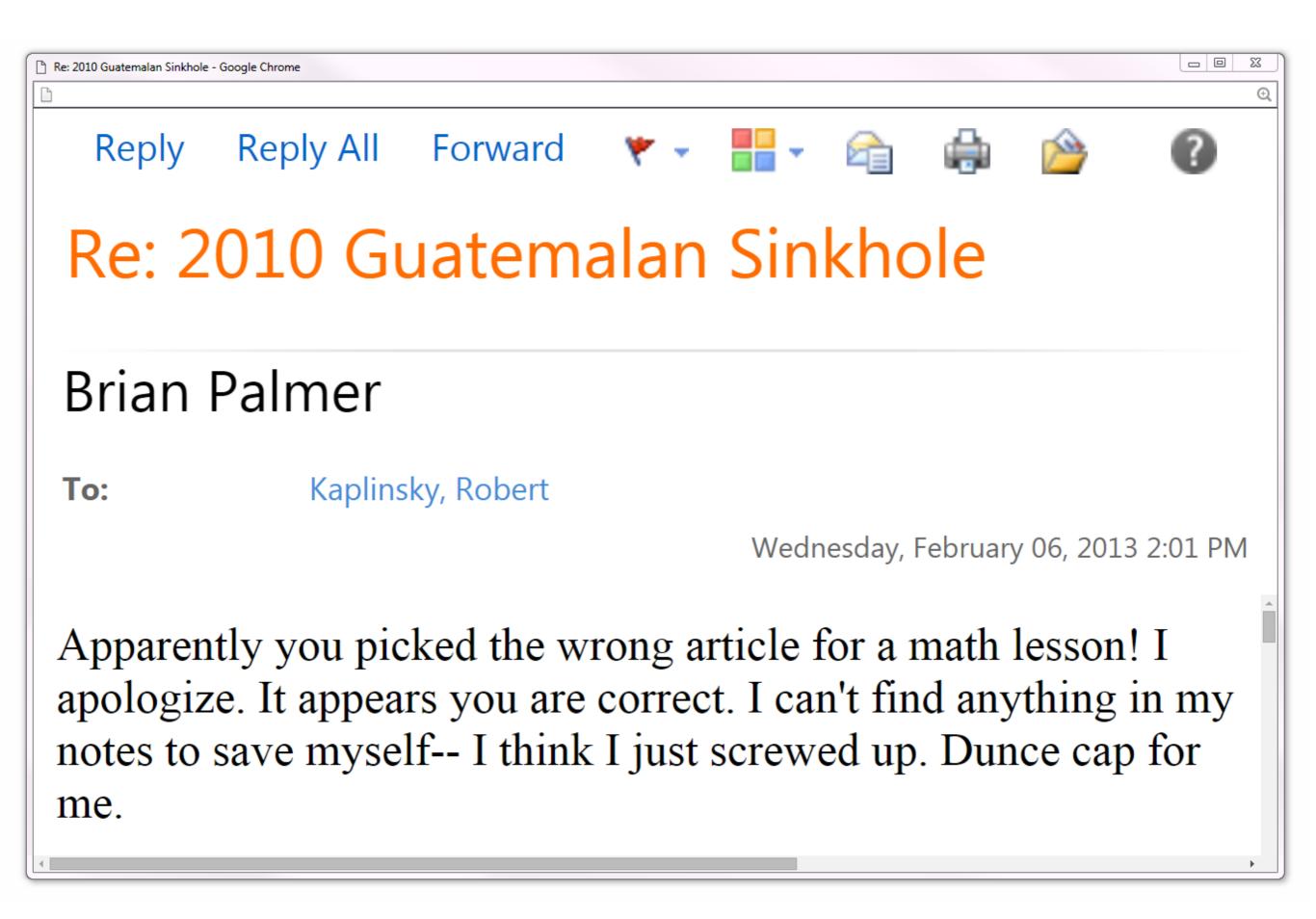


It's not clear whether cement is the best option, however. A 6,500-cubic-foot wad of concrete may serve to concentrate water runoff in other areas, leading to more sinkholes. Many engineers prefer the **graded-filter technique**, in which the hole is filled with a layer of boulders, then a layer of smaller rocks, and, finally, a layer of gravel. This fills the hole, more or less, while permitting water to drain through the area.

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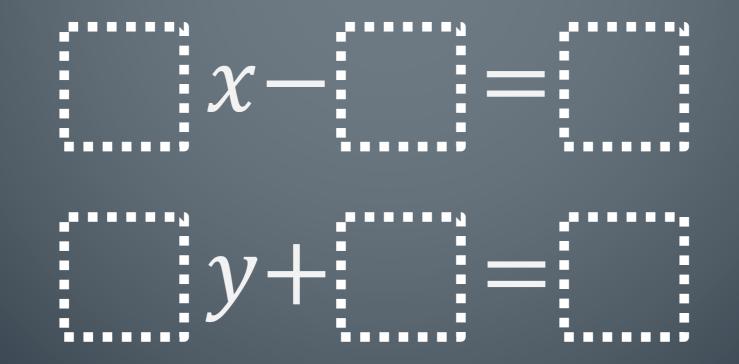
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Reply 2010			<ul><li>Sinkho</li></ul>			×	-	*	*	?
Kaplin	isky, Ro	bert								
То:								We	dnesday, Februar	ry 06, 2013 1:39 PM
Hi Brian,	,									
	• •		i Giant Sink 'ou mentioi		le for a	a mat	th lesso	on on	volume of	a cylinder. I
с		ay serve to			•			-	0-cubic-foo ading to mc	
	•		e you got 65 cubic feet.	500 cubic	eet fro	om?	Did you	u do 6	65 x 100? V	Ve get
Thanks, Robert										



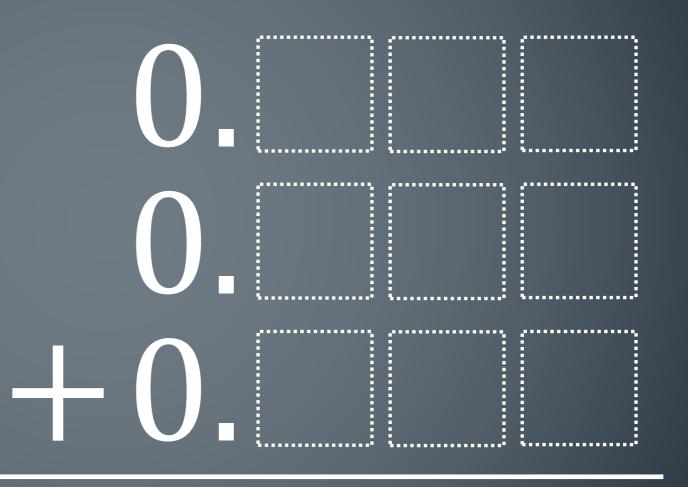
#### Open Middle

 Use the whole numbers 1 through 9 only one time each to find the largest possible values for the sum of x and y.



### Adding Decimals

Use the numbers 1 through 9, exactly one time each, to fill in the boxes and make three decimals whose sum is as close to 1 as possible.



pictures	numbers
symbols	words

