


- [More Breaking International News](#)
- Cardiac drugs found effective in colon cancer
- New book says Hitler's hatred of Jews 'stemmed from First World War loss'
- Chinese diver sets world record in waterfalls
- Amritsar hosts Mr. Singh International
- Hudson parties just days after break up
- Sign stolen from Nazi-era concentration camp found in Poland
- Polanski completing film under house arrest
- Katy Perry's luggage goes missing
- Demi Moore upset with husband's nude pictures
- Madonna, Ritchie to reunite for Christmas
- Soyuz spacecraft blasts off
- UN urges restraint as Nepal's Maoist strike turns violent

**Get Breaking International News headlines emailed to you daily.**

**The Web's best math site for at-home practice**  
Click for 20 free problems

## Loud thinking helps solve maths problems quickly

Malaysia Sun  
Saturday 19th December, 2009  
(IANS)

Talking aloud helps solve maths problems more quickly, according to a study.

Those students who think aloud while solving such problems can do so faster and have more possibilities of finding the right solution than those who do not do it. Likewise, drawing or making a pictorial representation relating to the subject also contributed to its solution, according to the study by Spain's University of Granada (UGR).

The researchers analysed in depth the work of last-year students of the degree in mathematics of the UGR, who were isolated to solve a problem and were recorded on video so their speech could be studied later.

This work has been conducted by the professors Jose Luis Villegas Castellanos (of the University of the Andes, Venezuela) and Enrique Castro Martinez and Jose Gutierrez, of the University of Granada, says an UGR release.

This research work has revealed, that the ability in the management of representations (such as talking aloud or drawing the problems) 'is closely related to the success in problems solution'.

These findings were published in Revista de Investigacion Psicoeducativa and the Electronic Journal of Research in Educational Psychology.



**Email this story to a friend**

### Have your say on this story

Your nickname	<input type="text" value=""/> (optional)
Message	<input type="text"/>
<input type="button" value="Post comment"/>	

Ads by Google

#### [MBA at SDA Bocconi](#)

Global Executive MBA SDA Bocconi in Milan: read more.  
SDABocconi.it/Global-Ex

#### [Art of Problem Solving](#)

Problem Solving Strategies Math Books, Forums and More  
www.artofproblemsolving

#### [Granada Activities](#)

Get Insider Picks on Where to Stay, Stay, Eat & Play in Granada.  
Concierge.com/Travel/Gr

Ads by Google

#### [Problem Solving at Work](#)

Axe Problems In the Workplace Today. Maintain Your Sanity!  
www.business.com

#### [Alquileres pisos Granada](#)

Alquiler pisos ofertas desde 300€ ofertas alquileres para estudiantes  
www.desarrollosurbanisti

#### [6th grade math practice](#)

Pre-algebra, geometry, integers — Practice 241 sixth-grade skills!  
www.ixl.com/math

#### [Hoteles Baratos Granada](#)

Alojamientos económicos todo el año en todo el centro de Granada. Entra Ofertas-Hotel-Granada.E