

Read the entry from the Guinness Book of World Records below and then answer the questions:

★ **Eye**brow Ji Yang (China) had an eyebrow hair that was measured at 4.5 in (11.5 cm) on the set of the *Guinness World Records* presentation ceremony in Beijing, China, on January 17, 2006.

③ One year Mrs. Gumas' eyebrow hair grew and grew. Write an inequality to show how long it would have to be to NOT make it into the book of World Records like Ji Yang below.

④ After three years that eyebrow hair was still growing. Write an inequality to show how long it would have to be to be in the book of World Records next year.

DO YOU SUDOKU?

Read the Guinness Book of World Records entry below and then answer the questions.

Very Easy

1		7				6		8
	8	9			3	4	2	
				5				
7		5		4		1		
		1		9		7		6
				7				
	7	8	9			2	3	
6		3				9		5

Easy

2								
	1	4						9
				7	8	1		
			7	3	5	6	8	
6	5							
		3	4	2	8	7		
				5	7	9		
	4	2						6
8								

★ FASTEST TIME TO COMPLETE A "VERY EASY" SUDOKU GRID

The rules of sudoku are simple: every column, every row, and every block of nine must contain the numbers 1–9. But how fast can you complete a grid? On the left is a "Very Easy" puzzle – can you solve it faster than the record holder? ★ The fastest

time to complete a "Very Easy" sudoku puzzle is 1 min 23.93 sec. by Thomas Snyder (USA) at BookExpo America, Washington DC, USA, on May 20, 2006. He also holds the record for ★ fastest "Easy" sudoku puzzle, at 2 min 8.53 sec (right).

⑤ Write an inequality to show what your time would need to be to beat Thomas Snyder and be the new World Record holder.