Numeracy Scale

Don't worry, it's not for a grade. But there is a prize for the best score!

Time estimate:	**FIFTEEN** (15) minutes
No. of questions:	**SEVEN** (7)
Total marks:	**SEVEN** (7)
There are:	**TWO** (2) pages

(1) (1 mark) Imagine that we have a fair, 6-sided die (for example, from a board game or a casino). Imagine we now roll it 1000 times. Out of 1000 rolls, how many times do you think the die would come up even (numbers 2, 4, or 6)?

(2) (1 mark) In the Cat Scratch Lottery, the chances of winning a $10.00 prize is 1%. What is your best guess about how many people would win a $10.00 prize if 1000 people each buy a single ticket to Cat Scratch?

(3) (1 mark) In the Acme Publishing Sweepstakes, the chance of winning a car is 1 in 1000. What percentage of tickets to the Acme Publishing Sweepstakes win a car?

(4) (1 mark) Which of the following numbers represents the biggest risk of getting a disease?

- 1 in 100
- 1 in 1000
- 1 in 10

(5) (1 mark) Which of the following numbers represents the biggest risk of getting a disease?
- 1%
- 10%
- 5%

(6) (1 mark) If person A's risk of getting a disease is 1% over 10 years, and person B's risk is double that of A's, what is B's risk?

(7) (1 mark) If person A's risk of getting a disease is 1 in 100 over 10 years, and person B's risk is double that of A's, what is B's risk?

Out of these seven questions, how many do you think you got right?