

## Quiz – Mathematical Deception

1. Frequently quoting Einstein to give your statements more intellectual weight is an example of \_\_\_\_\_.
  - A. a unit fallacy
  - B. cherry picking
  - C. the halo effect
  - D. synthesizing information
  
2. Which ancient Greek philosopher was also a mathematician whose followers believed in the mystical power of numbers, mathematics and geometry?
  - A. Plato
  - B. Socrates
  - C. Aristotle
  - D. Pythagoras
  
3. A President asking that his economic record be judged to be successful when it is compared to the state of the North Korean economy is committing what kind of fallacy?
  - A. Unit Fallacy
  - B. Tu Quoque
  - C. Cherry Picking
  - D. Comparing Apples to Oranges
  
4. If a survey result is followed by the phrase “plus-or-minus 3%,” this 3% is referred to as the \_\_\_\_\_.
  - A. trend
  - B. average
  - C. margin of error
  - D. degree of significance