

**Title of Book:**           **How Much is a Million?**  
**Author:**                 **David M.Schwartz**  
**Publisher/Year:**       **HarperTrophy/1985**  
**ISBN:**                   **978-0-688-09933-6**

**Grade Levels for Recommended Use:** Grade 5

**TEKS:**

**Grade 5**

- (A) apply mathematics to problems arising in everyday life, society, and the workplace;
- (E) create and use representations to organize, record, and communicate mathematical ideas;
- (F) analyze mathematical relationships to connect and communicate mathematical ideas; and
- (G) display, explain, and justify mathematical ideas and arguments using precise mathematical language in written or oral communication.
- (A) represent the value of the digit in decimals through the thousandths using expanded notation and numerals;

**Brief Summary:** *How much is a Million?* takes students on an arithmetic journey with the Mathematical Magician, Marvelosissimo and a group of friends to test how much is a million. Marvelosissimo used his power to make one million, one billion and one trillion kids climbed onto one another's shoulder and compare them to the tallest building, the airplane and the air balloon to describe how tall could that be. With the comparison, students are able to imagine how much is a million, a billion and a trillion. The author also provided the calculation for the reference.

**Materials needed:**

- worksheet
- pencils

**Suggested Activity:**

The goal of this activity is to read large numbers and use them in daily life.

First, the teacher asks students if they know how much a million is. For example, a million is a thousand thousands. Then, ask them about billion and trillion.

Second, the teacher read the book *How much is a Million?*

Third, the teacher asks the students if they know the world's population right now. Using the world population website and the worksheet.

Forth, the teacher has students practice reading the number aloud.

**References:**

U.S. and World Population Clock. (n.d.). Retrieved from <https://www.census.gov/popclock/>

Printable Lesson Plan On Large Numbers: Place Value. (n.d.). Retrieved from [http://www.teach-nology.com/lessons/lrn\\_pln\\_view\\_lessons.php?action=view&cat\\_id=5&lrn\\_id=11395](http://www.teach-nology.com/lessons/lrn_pln_view_lessons.php?action=view&cat_id=5&lrn_id=11395)

YouTube Video

<https://www.youtube.com/watch?v=YOgcsHetRZo>

**Adapted by:** Hsin-Ni Li (2018)