

This is Forbes list of the 10 richest people in the world as of February 13, 2006.

RANK	NAME	CITIZENSHIP	AGE	NET WORTH (\$BIL)	RESIDENCE
1	William Gates III	United States	50	50.0	United States
2	Warren Buffett	United States	75	42.0	United States
3	Carlos Slim Helu	Mexico	66	30.0	Mexico
4	Ingvar Kamprad	Sweden	79	28.0	Switzerland
5	Lakshmi Mittal	India	55	23.5	United Kingdom
6	Paul Allen	United States	53	22.0	United States
7	Bernard Arnault	France	57	21.5	France
8	Prince Alwaleed Bin Talal Al Saud	Saudi Arabia	49	20.0	Saudi Arabia
9	Kenneth Thomson & family	Canada	82	19.6	Canada
10	Li Ka-shing	Hong Kong	77	18.8	Hong Kong

A page was posted on the internet with a lot of fun facts about this subject. Although the numbers are inconsistent and not particularly factual, each sentence provides us with fun multiplication problems to calculate Bill Gates' incredible wealth. Although the Forbes list represents Bill Gates' net worth to be \$50 billion, the problems you are about to do calculates his net worth to be between \$70 billion and \$99 billion. The site is

<http://209.85.165.104/search?q=cache:QpqFdBtt8dQJ:www.19.5degs.com/element/663.php+bill+gates+interesting+facts&hl=en&gl=us&ct=clnk&cd=7>.

Try the problems on the following pages and hone your multiplication skills.

He can donate US\$15 to everyone on earth but still be left with US \$5 Million for his pocket money.

According to the US Census Bureau's World Population clock

<http://www.census.gov/ipc/www/popclockworld.html>

, as of 1-14-07 the world population was

6,569,658,102.

multiply the world population by \$15, add \$5 million and you will have one calculation of Bill Gates' worth.

$$\begin{array}{r} 6,569,658,102 \\ \times 15 \\ \hline \end{array}$$

SEE NEXT PAGE FOR ANSWER

6,569,658,102

$$\begin{array}{r} \cancel{0}\cancel{0}\cancel{0} \times 15 \\ \hline 32848290510 \\ 6569658102- \\ \hline 98,544,871,530 \\ + \quad \quad 5,000,000 \\ \hline \$ 98,549,871,530 \end{array}$$

Bill Gates is 50 this year. If we assume that he will live for another 25 years, he has to spend US\$9.5 Million per day to finish all his money before he can go to heaven.

remember, if he spent his money buying a building, a car, stock in a company, or any other personal or real property, he would not finish his money because instead of cash he would now own the value of the property; essentially, he would have to spend it on dinners, vacations, lottery tickets, or give his money away to truly get rid of his money.

First, how many days are in 25 years?

multiply 365 by 25

Second, multiply 9,125 days by \$9.5 million

how do we write \$9.5 million? \$9,500,000

- remember, this is 9 million and one-half of one million or 500,000;
- also, remember to push the zeros out to the right of the multiplication problem;
- also, remember to put the smaller number of non-zero digits on the bottom of the problem.

365

x25

+

9,125
x 9500000

+

**SEE NEXT PAGE FOR
THE ANSWER AND ALL
WORK**

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$$\begin{array}{r}
 \cancel{0} \cancel{0} \cancel{0} \cancel{0} \cancel{0} \cancel{0} \cancel{0} \cancel{0} \cancel{0} \cancel{0} \\
 9,125 \\
 \times 9500000 \\
 \hline
 45625 \\
 + 82125- \\
 \hline
 \$86,687,500,000
 \end{array}$$

$$\begin{array}{r}
 \cancel{0} \cancel{0} \\
 \cancel{0} \cancel{0} \\
 365
 \end{array}$$

$$\begin{array}{r}
 \cancel{0} \times 25 \\
 1825 \\
 + 730- \\
 \hline
 9,125 \\
 \text{days}
 \end{array}$$

**If you change all of Bill Gate's money to US\$1 notes,
you can make a road from earth to moon, 14 times
back and forth.**

FACTS TO KNOW:

- The **moon** is about 238900 **miles** from **Earth** on average.
- There are 5,280 feet in a mile.
- A dollar bill is one-half a foot long.

We have to multiply 238,900 by 5280 by 2 by 28.

why by 2? there are two dollar bills in one foot

why by 28? because 14 round trips from the Earth to the Moon is 28 one way trips.

There are 24 different combinations of ways to solve this problem (six for each of the four numbers:

- $238,900 \times 5280 \times 2 \times 28$
- $238,900 \times 5280 \times 28 \times 2$
- $238,900 \times 2 \times 5280 \times 28$
- $238,900 \times 2 \times 28 \times 5280$
- $238,900 \times 28 \times 5280 \times 2$
- $238,900 \times 28 \times 2 \times 5280$

MR. KRAMER TAKES ONE OF THE 24
APPROACHS ON THE NEXT PAGE.

1

$$\begin{array}{r} 0 \\ 28 \\ \times 2 \\ \hline 56 \end{array}$$

2

$$\begin{array}{r} \cancel{0} \cancel{4} \\ \cancel{4} \cancel{4} \\ 5280 \\ \times 56 \\ \hline 3168 \\ + 2640- \\ \hline 295,680 \end{array}$$

3

$$\begin{array}{r} \cancel{0} \cancel{0} \cancel{0} \cancel{0} \\ \cancel{2} \cancel{0} \cancel{2} \cancel{2} \\ \cancel{7} \cancel{4} \cancel{8} \cancel{6} \\ \cancel{8} \cancel{5} \cancel{6} \cancel{7} \\ 295680 \\ \times 238900 \\ \hline \textcircled{1} 266112 \\ \textcircled{1} 236544- \\ \textcircled{1} 88704-- \\ 59136--- \\ \hline \$70,637,952,000 \end{array}$$