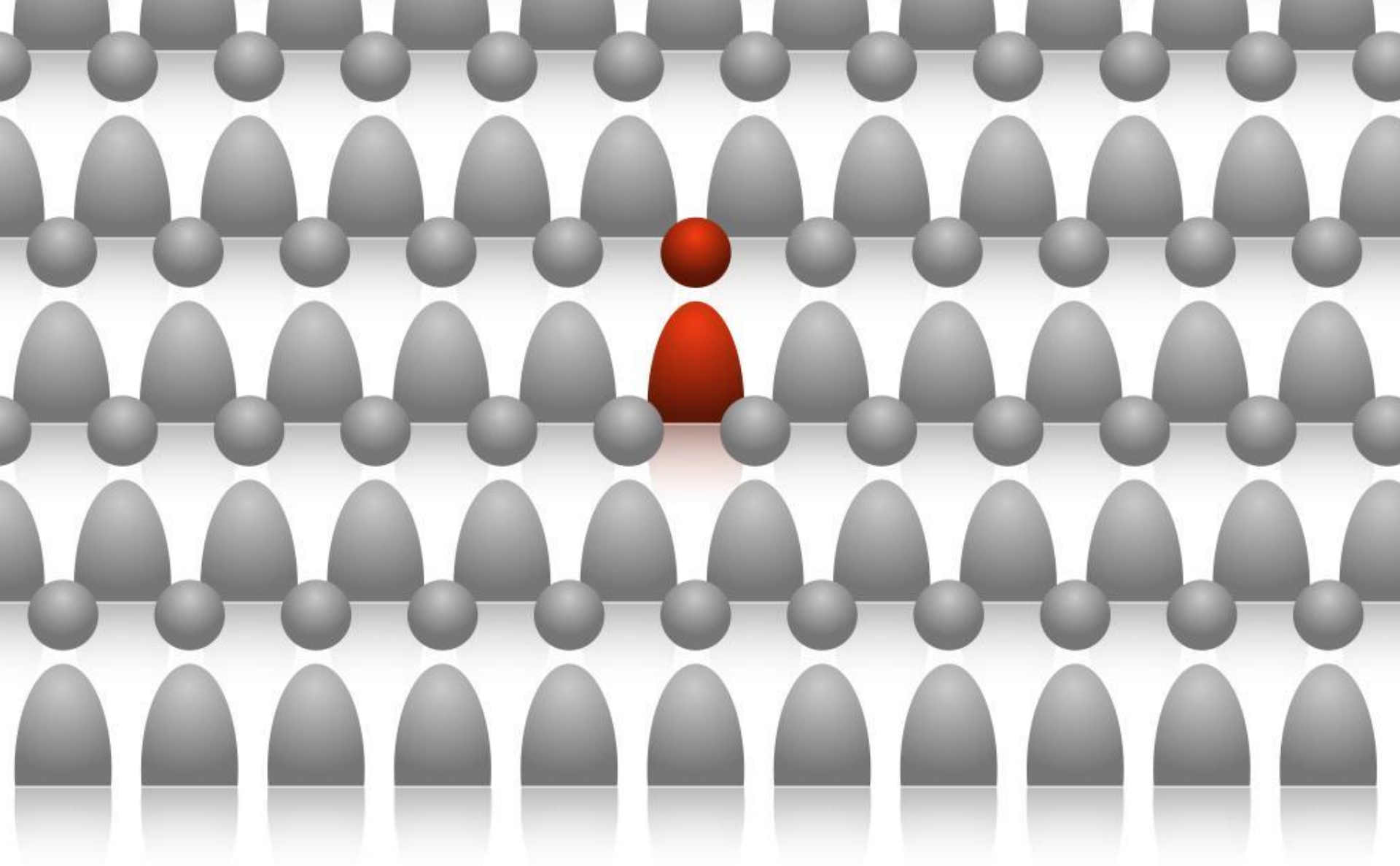
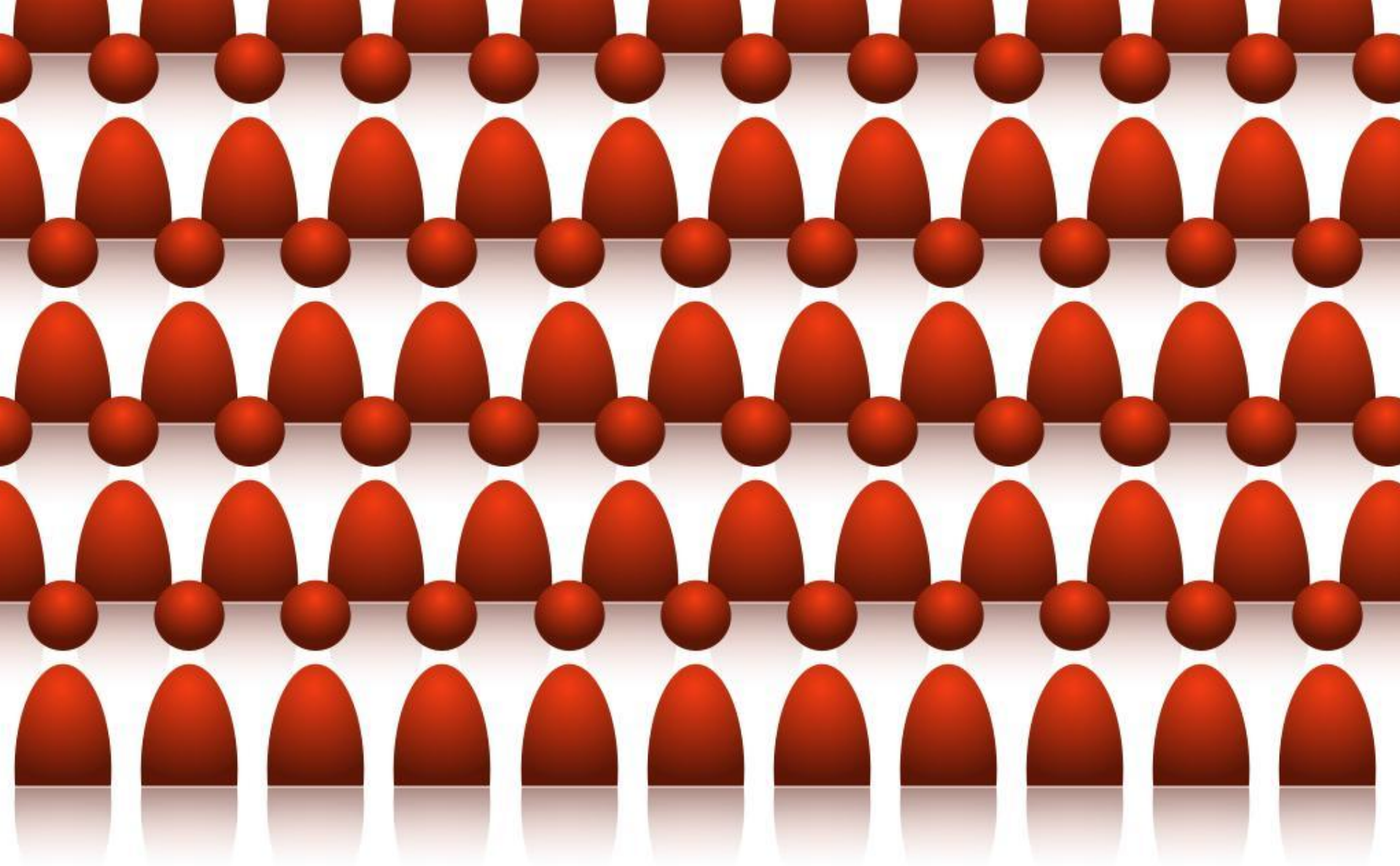
shifthappens

DID YOU **KNOW**

Sometimes size does matter



If you're one in a million in China...



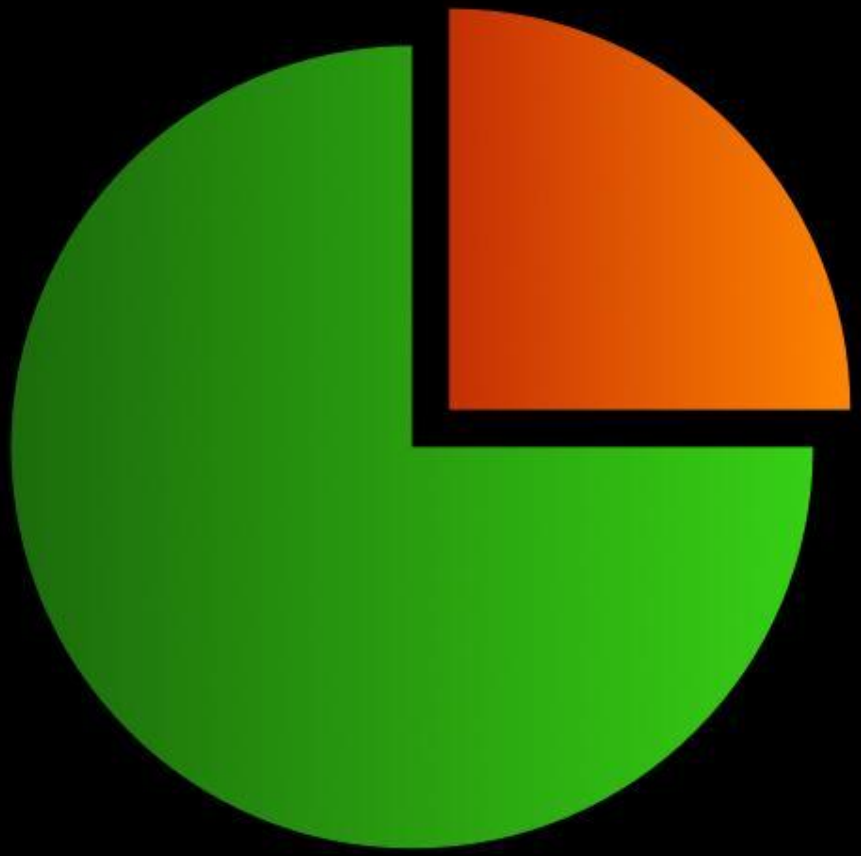
...there are 1,300 people just like you

In India there are 1,100 people

just like you

The 25% of the population in China

with the highest IQ's...



...is greater than the total population

of North America.

In India, it's the top 28%

Translation:

They have more honors kids than we have kids

DID YOU

KNOW

China will soon become the number one English speaking country in the world

If you took every single job in the U.S. today

and shipped it to China...

...China would still have

a labor surplus

During the course
of this presentation...

60 babies
will be born in the U.S.

244 babies
will be born in China

351 babies
will be born in India

The U.S. Department of Labor estimates that today's learner will have 10-14 jobs...

...by the age of

38

1 out of 4 workers today

is working for a company they have been employed by for less than one year

more than 1 out of 2
are working for a company they have
worked for for less than five years.

According to former Secretary of Education

Richard Riley...

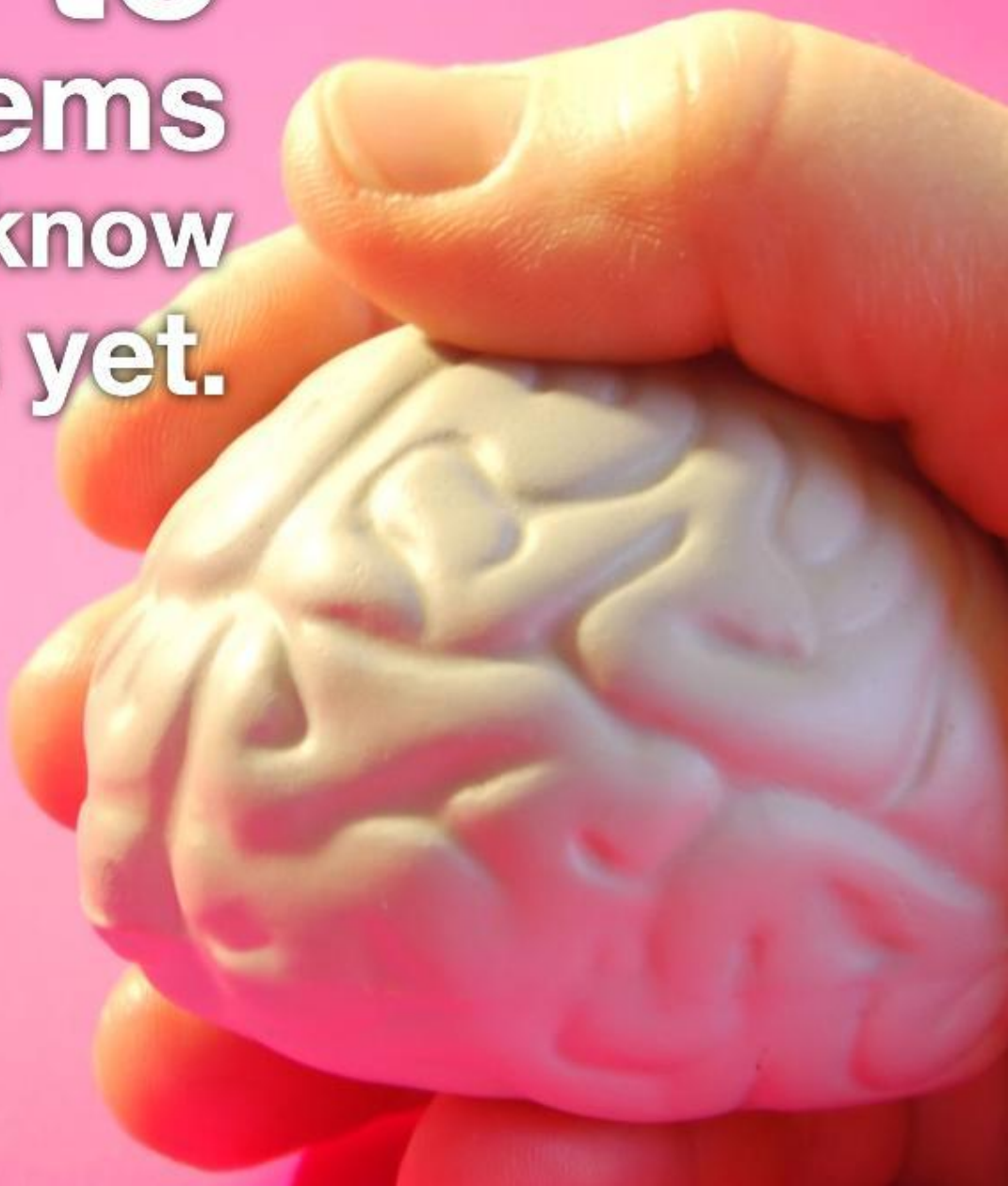
...the top 10 in-demand jobs in 2010

did not exist in 2004

We are currently
preparing students
for jobs that
don't yet exist...

using technologies
that haven't
been invented...

in order to
solve problems
we don't even know
are problems yet.



POP QUIZ

Name this country...

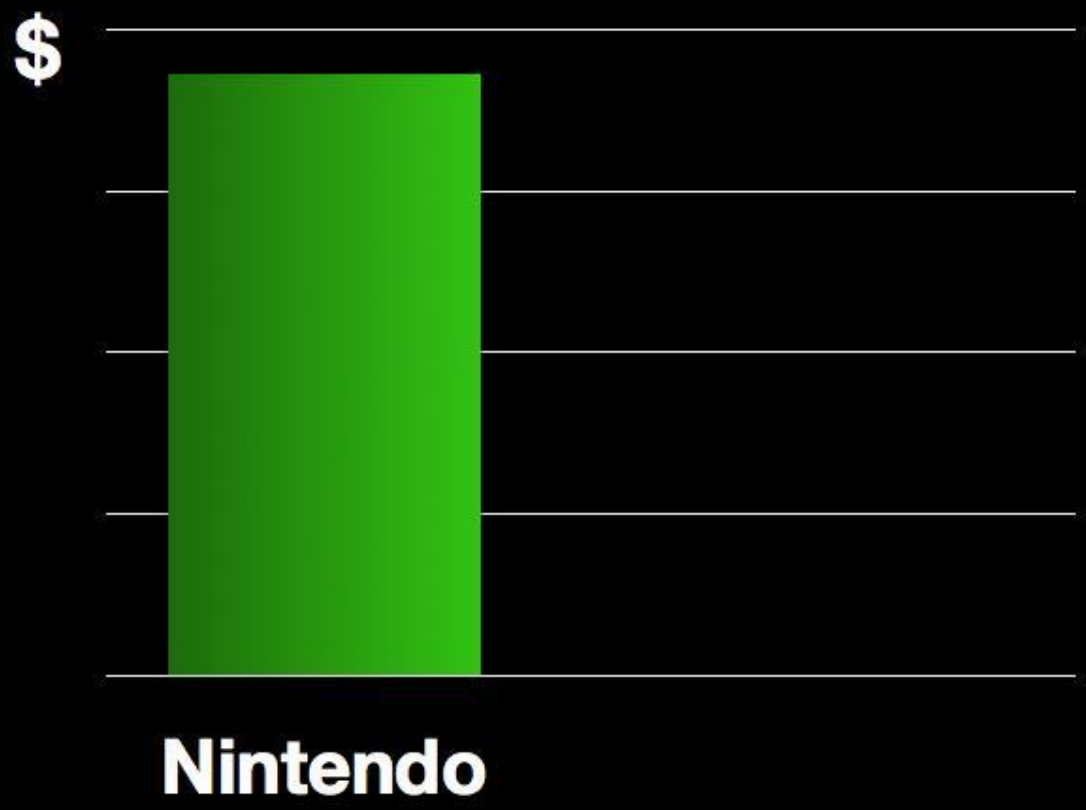
- ✓ Richest in the world
- ✓ Largest military
- ✓ Center of world business and finance
- ✓ Strongest education system
- ✓ World center of innovation and invention
- ✓ Currency the world standard of value
- ✓ Highest standard of living

England... in 1900

DID YOU **KNOW**

The U.S. ranks
20th in the world
in broadband
internet
penetration

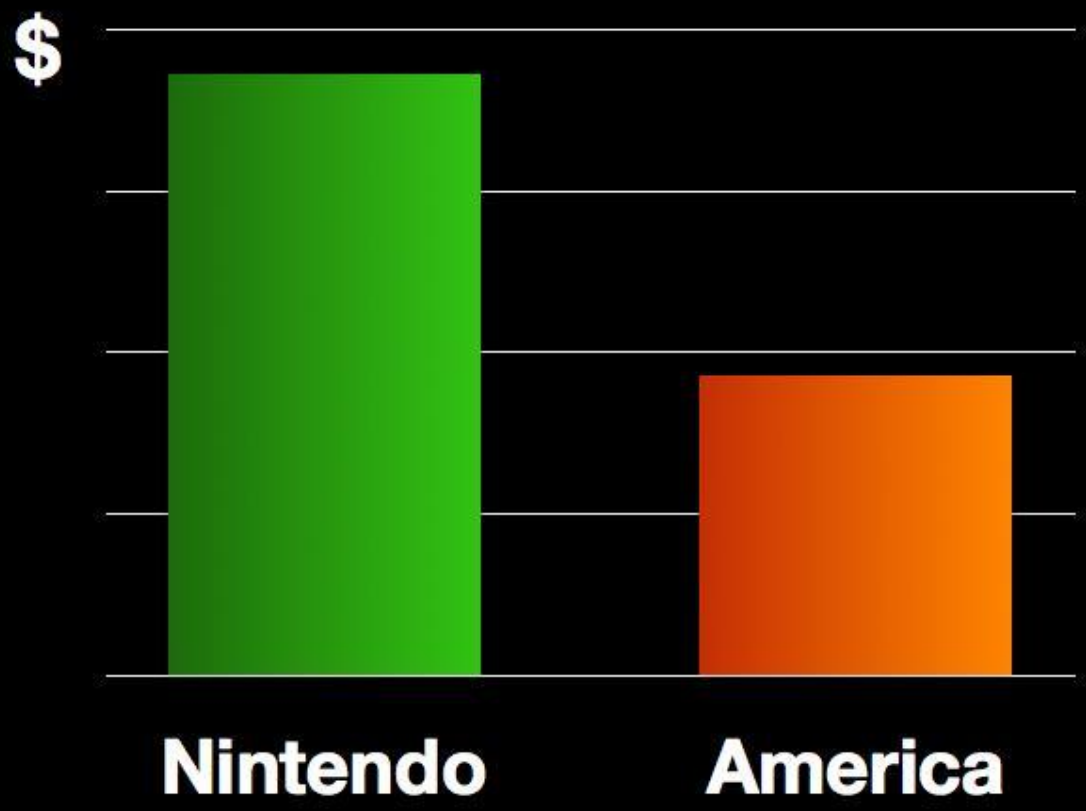
In 2002 Nintendo invested more than $140 million in research and development.

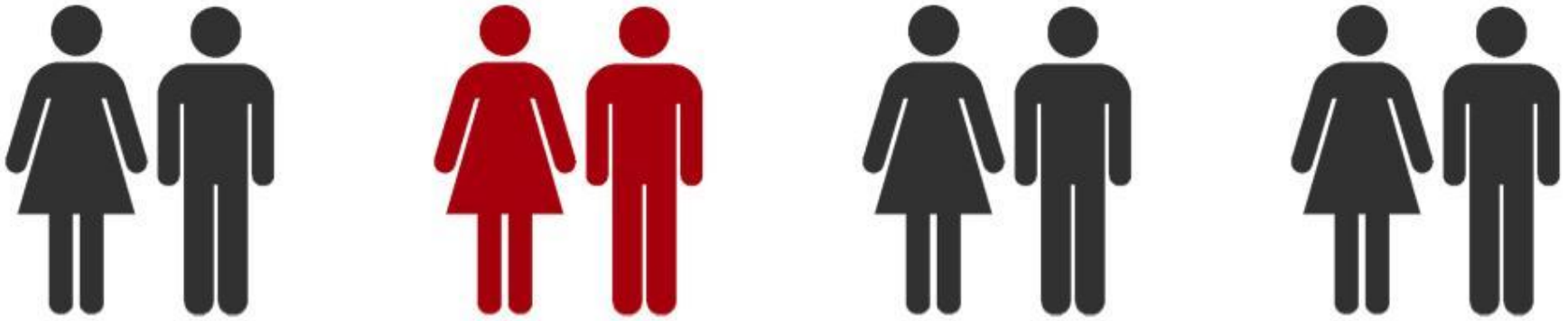


The U.S. Federal Government spent

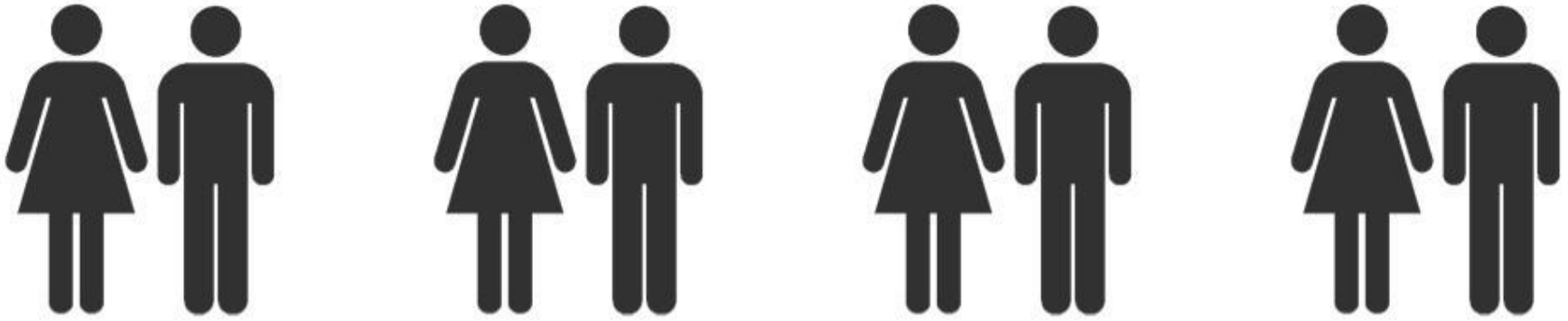
less than half as much

on Research and Innovation in Education.

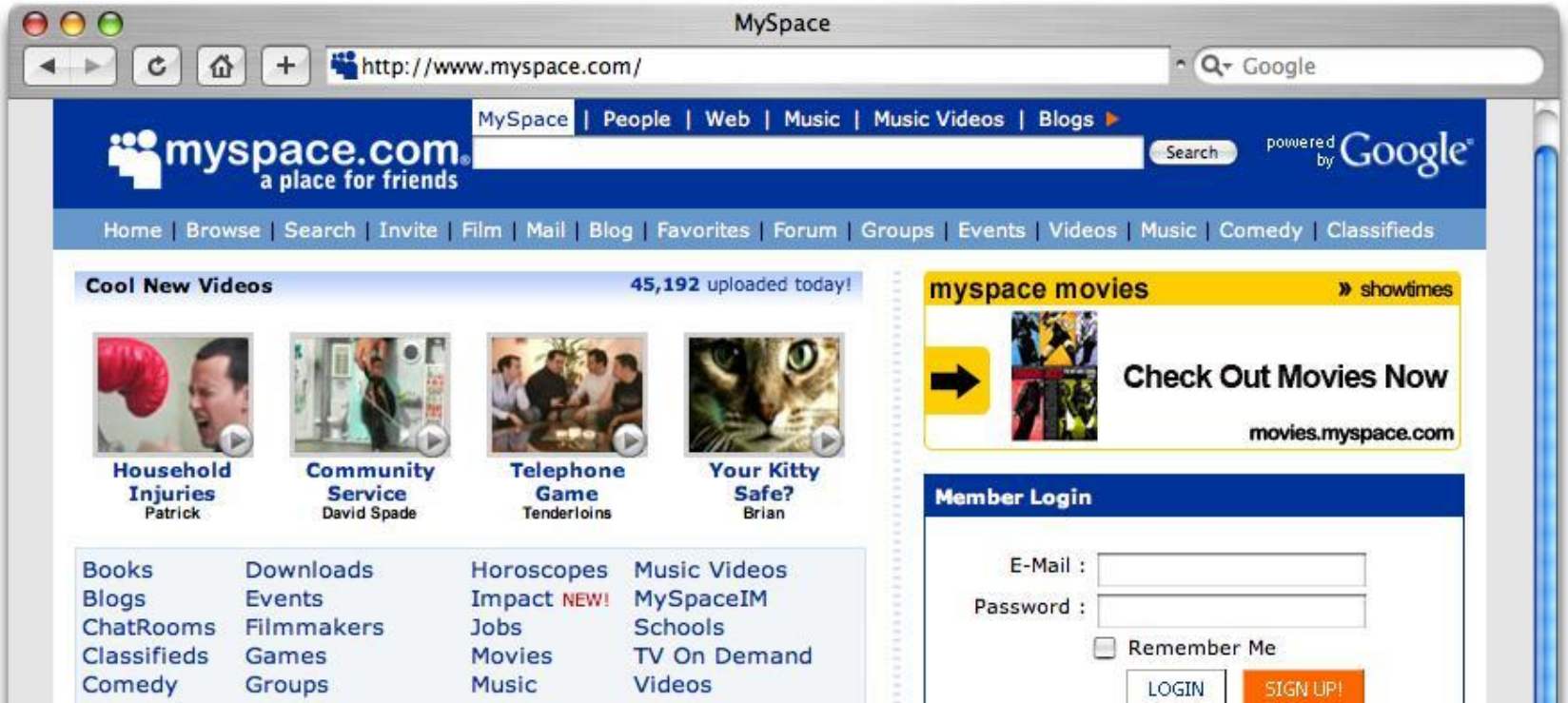




1 out of 8 couples married in the U.S. last year met online



There are over 106 million registered users of MySpace (as of September 2006)



If MySpace were a country,

it would be the 11th-largest in the world

(between Japan and Mexico)

The average MySpace page is visited 30 times per day

DID YOU KNOW

We are living in exponential times

There are over 2.7 billion searches performed on Google each month

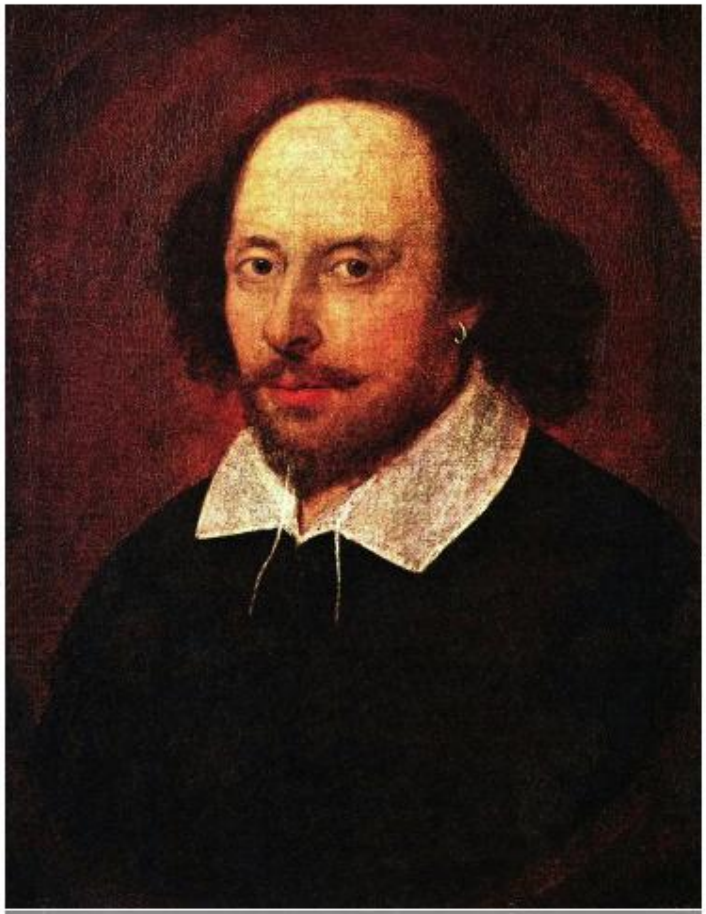
To whom were these questions addressed before Google?

The number of text messages sent and received every day

exceeds the total population of the planet

There are about 540,000 words in the English language...

about 5X as many as
during Shakespeare's time.



More than 3,000 new books are published every day

It is estimated that a week's worth of New York Times...

...contains more information
than a person was likely to come across
in a lifetime in the 18th century.

It is estimated that 40 exabytes (4.0×10^{19})

of unique new information

will be generated worldwide this year.

That is more than in the previous 5,000 years.

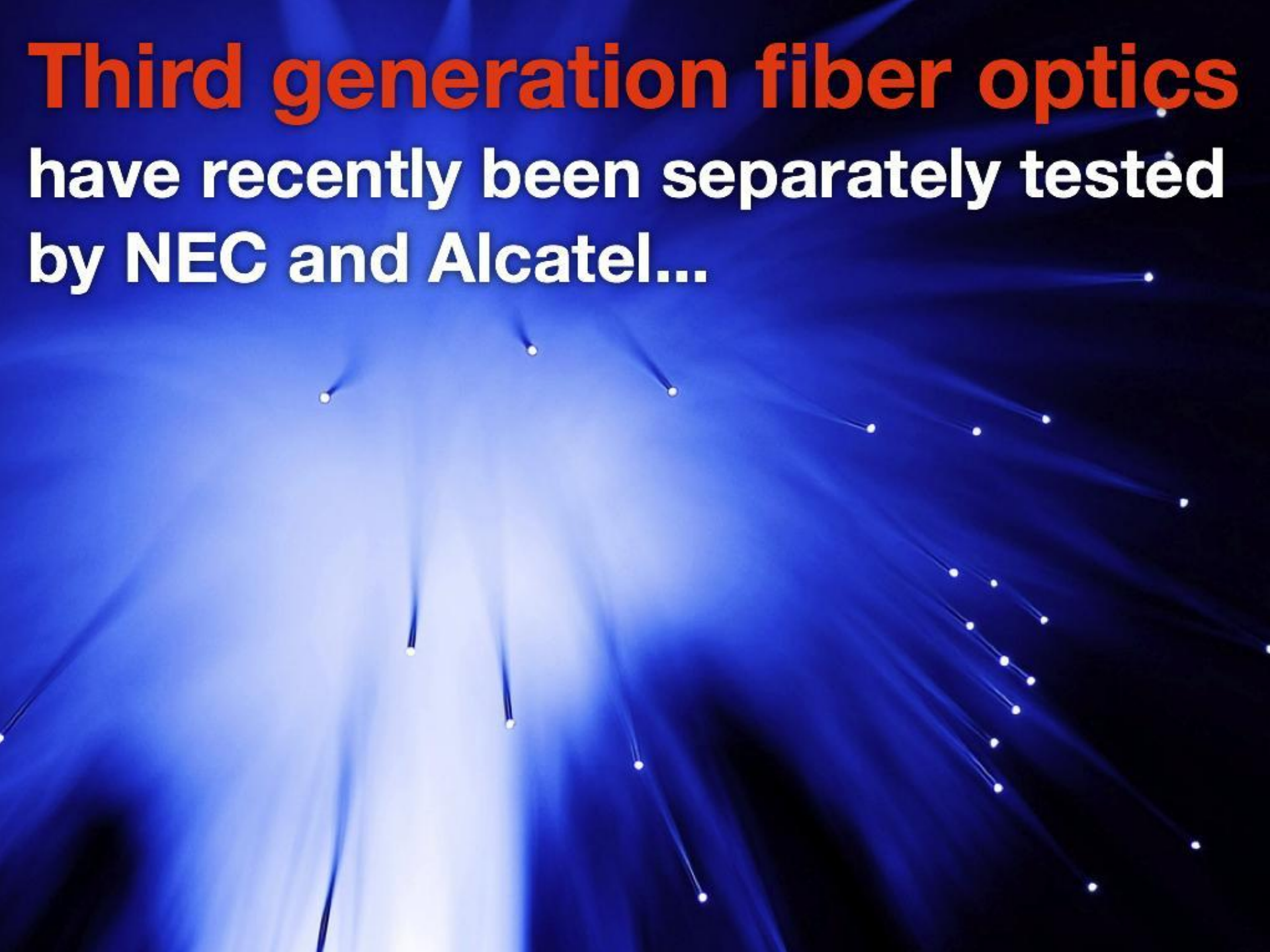
The amount of new technical information is

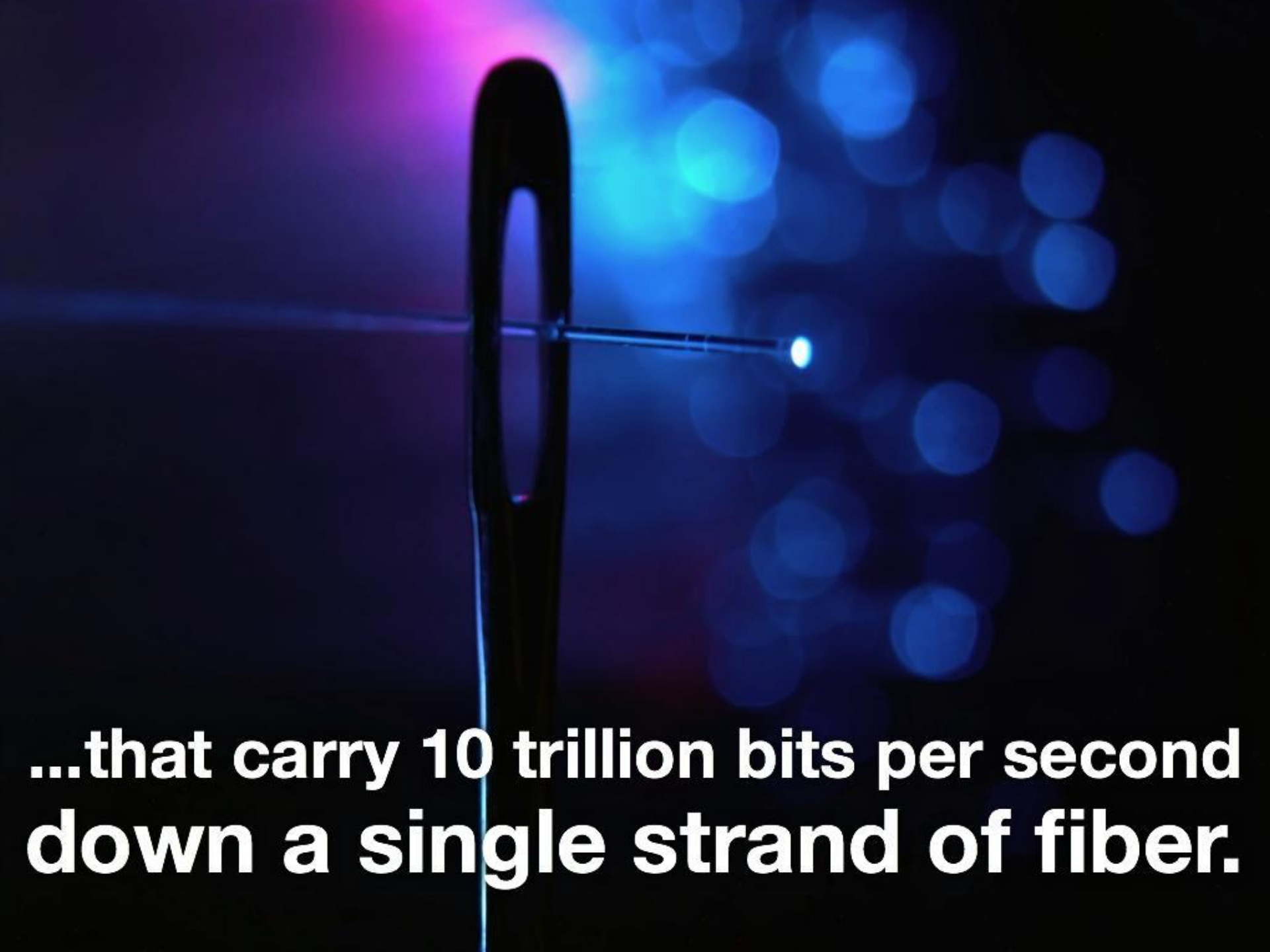
doubling every 2 years

For students starting a four-year technical or college degree, this means that...

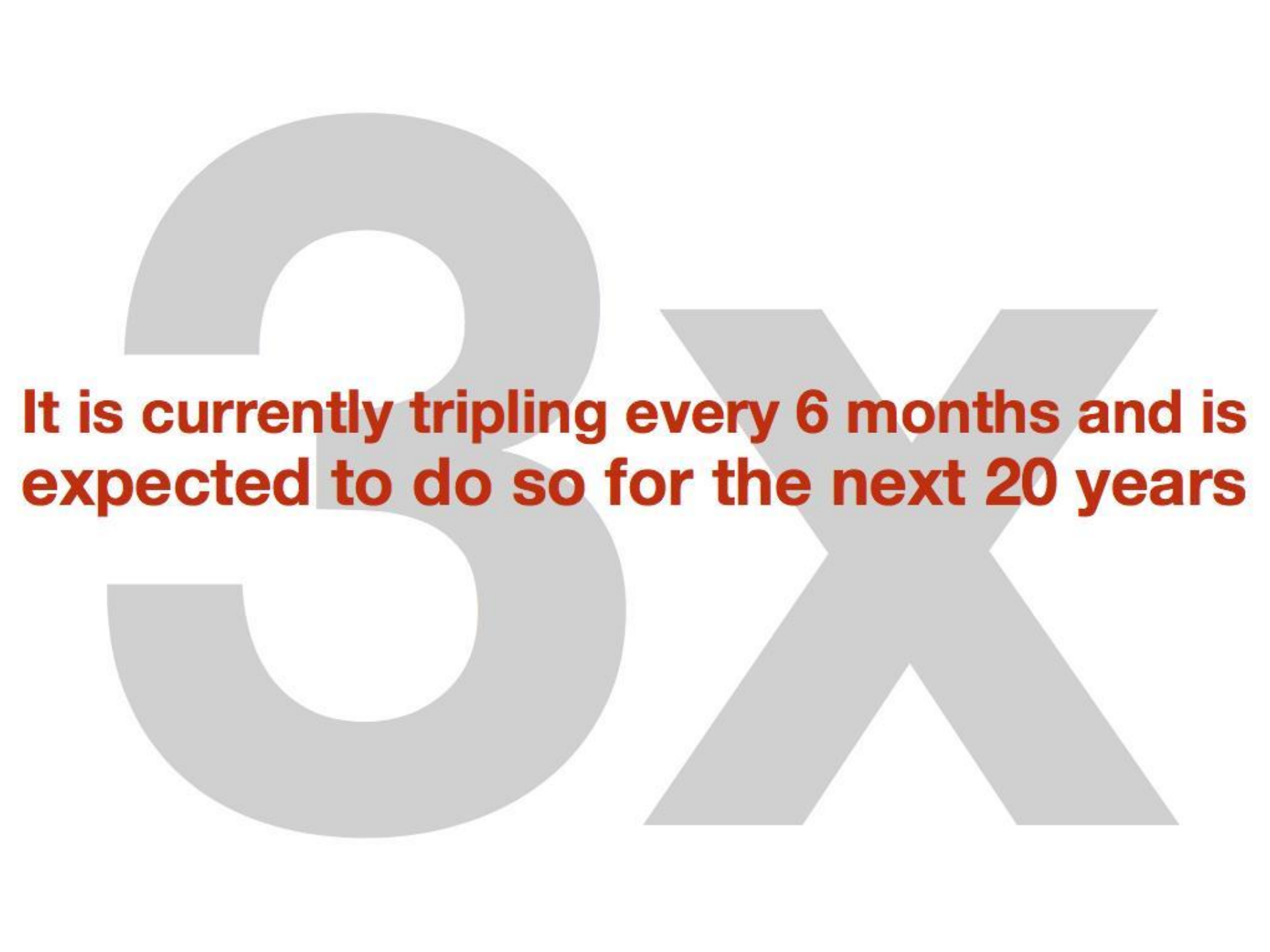
half of what they learn in their first year of study will be outdated by their third year of study.

By 2010 it is predicted to
double every 72 hours

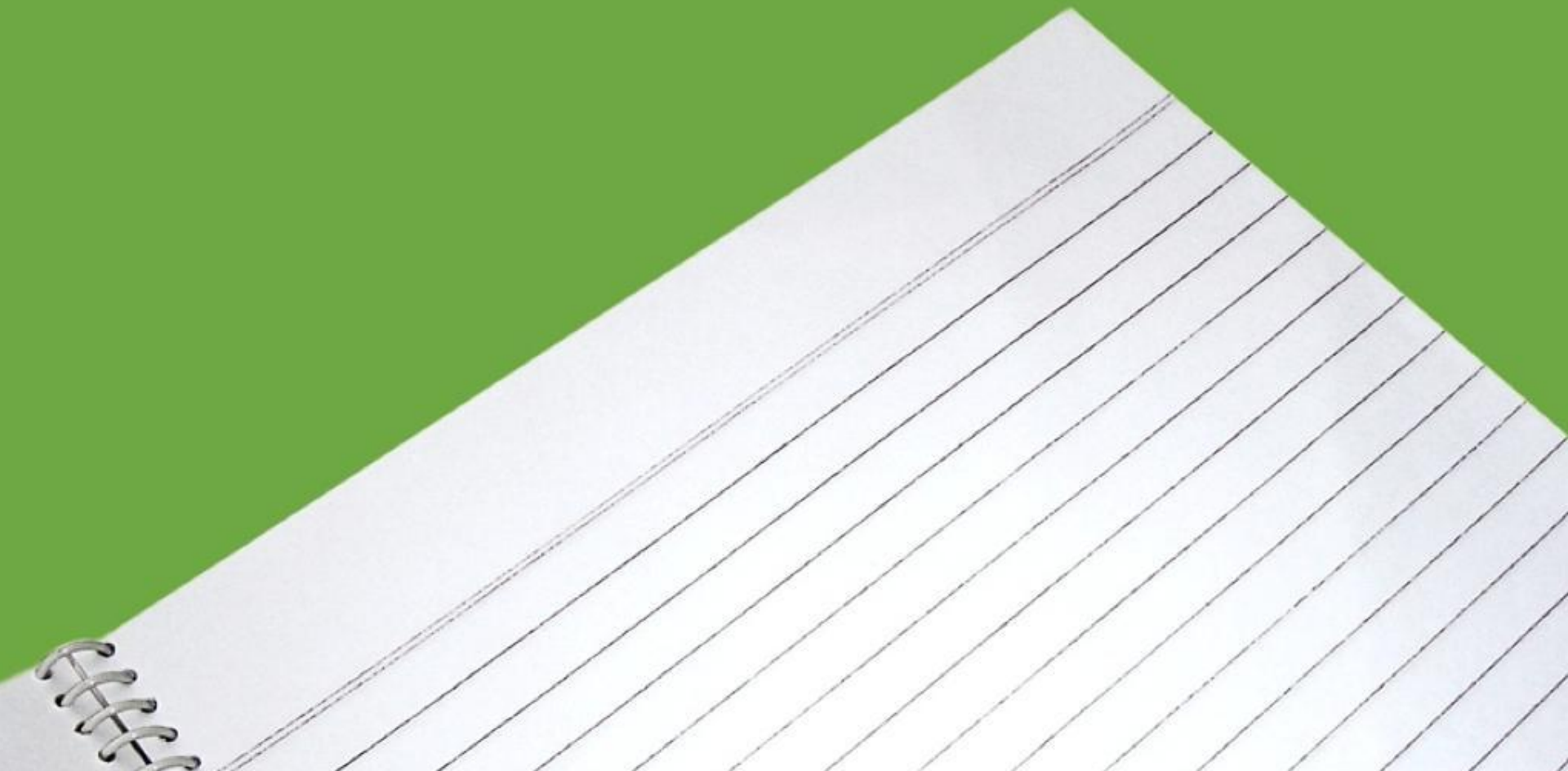

Third generation fiber optics
have recently been separately tested
by NEC and Alcatel...


...that carry 10 trillion bits per second
down a single strand of fiber.

That is 1,900 CDs
or 150 million phone calls
every second


3x
It is currently tripling every 6 months and is expected to do so for the next 20 years

e-paper will eventually be cheaper than real paper



47 million laptops were shipped worldwide last year.

The $100 laptop project is expecting to ship **between 50 and 100 million laptops a year** to children in underdeveloped countries

Predictions are that by 2013 a supercomputer will be built that exceeds the computation capability of the human brain

And while technical predictions further out than about 15 years are hard to do...

predictions are that by 2049 a $1,000 computer will exceed the computational capabilities of the entire human species

So, what does it all mean?

shifthappens

NOW YOU

KNOW

Credits:

- Content based on a slideshow by Karl Fisch
- Source of content: The Fischbowl Blog http://thefischbowl.blogspot.com

Credits:

- Presentation design by Jeff Brenman of: