

xkcd comics

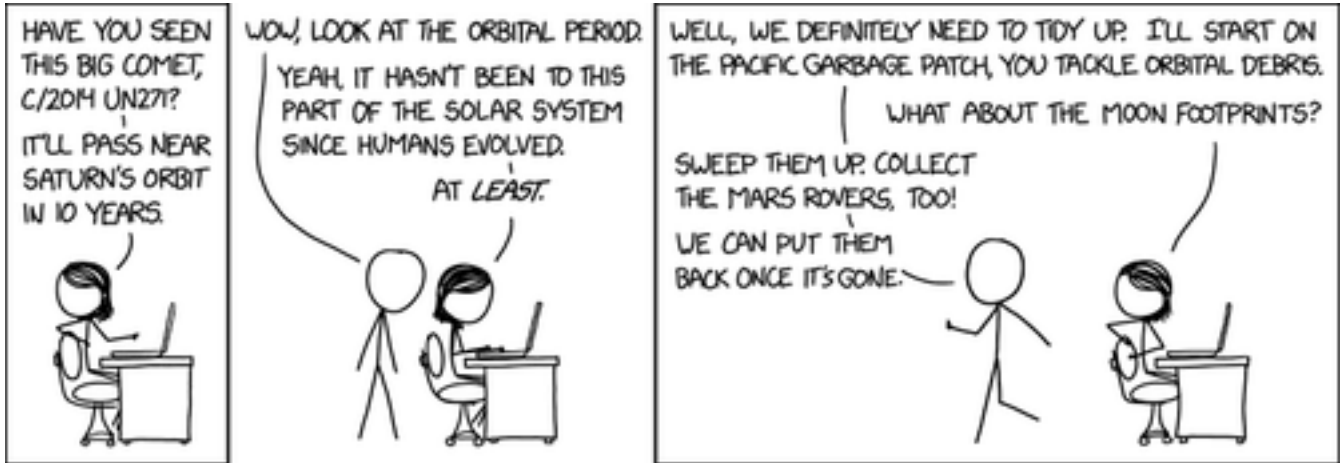
1 - air travel packing list

AIR TRAVEL PACKING LIST

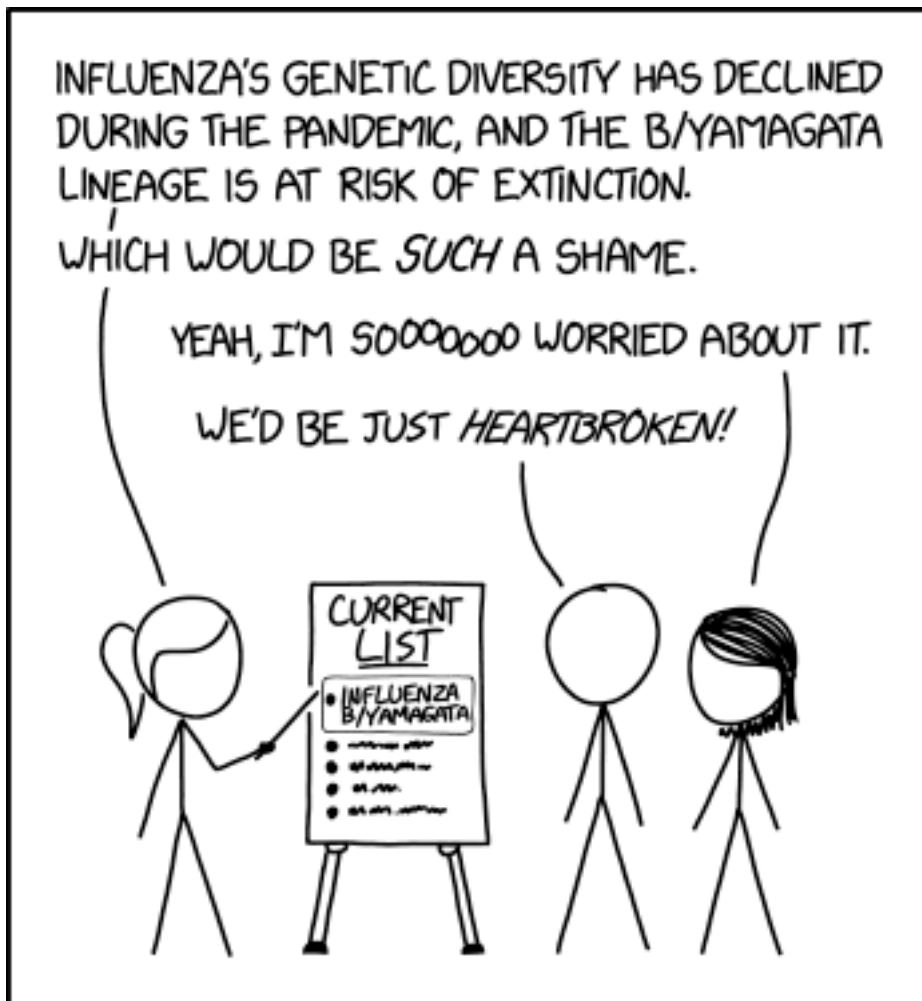
IF YOU HAVEN'T FLOWN IN A WHILE, YOU MIGHT NOT REMEMBER WHAT YOU NEED TO BRING. USE THIS HANDY CHECKLIST TO PACK!

- | | |
|--|--|
| <input type="checkbox"/> SEAT CUSHION | <input type="checkbox"/> HOMING BEACON |
| <input type="checkbox"/> PARACHUTE | <input type="checkbox"/> METEORITE ANTIDOTE |
| <input type="checkbox"/> WING GLUE | <input type="checkbox"/> USB WING CONNECTOR |
| <input type="checkbox"/> AIR HORN | <input type="checkbox"/> EMERGENCY SIREN |
| <input type="checkbox"/> SEXTANT | <input type="checkbox"/> SPARE FLAPS |
| <input type="checkbox"/> NOSE PLUGS AND GOGGLES
FOR PRESSURE | <input type="checkbox"/> MOUTHPIECE (PANDEMIC
RESTRICTION; AIRLINES STILL
PROVIDE THE TRUMPET) |
| <input type="checkbox"/> AIRPLANE SHOES | <input type="checkbox"/> LUGGAGE BALLAST |
| <input type="checkbox"/> NAVIGATION CRYSTAL | <input type="checkbox"/> FLAG (INTERNATIONAL FLIGHTS) |
| <input type="checkbox"/> SPARE BATTERIES IN CASE
THE PLANE RUNS OUT | <input type="checkbox"/> DECOY TICKETS |
| <input type="checkbox"/> BIRDSEED | <input type="checkbox"/> KEYS TO THE PLANE |

2 - comet visitor

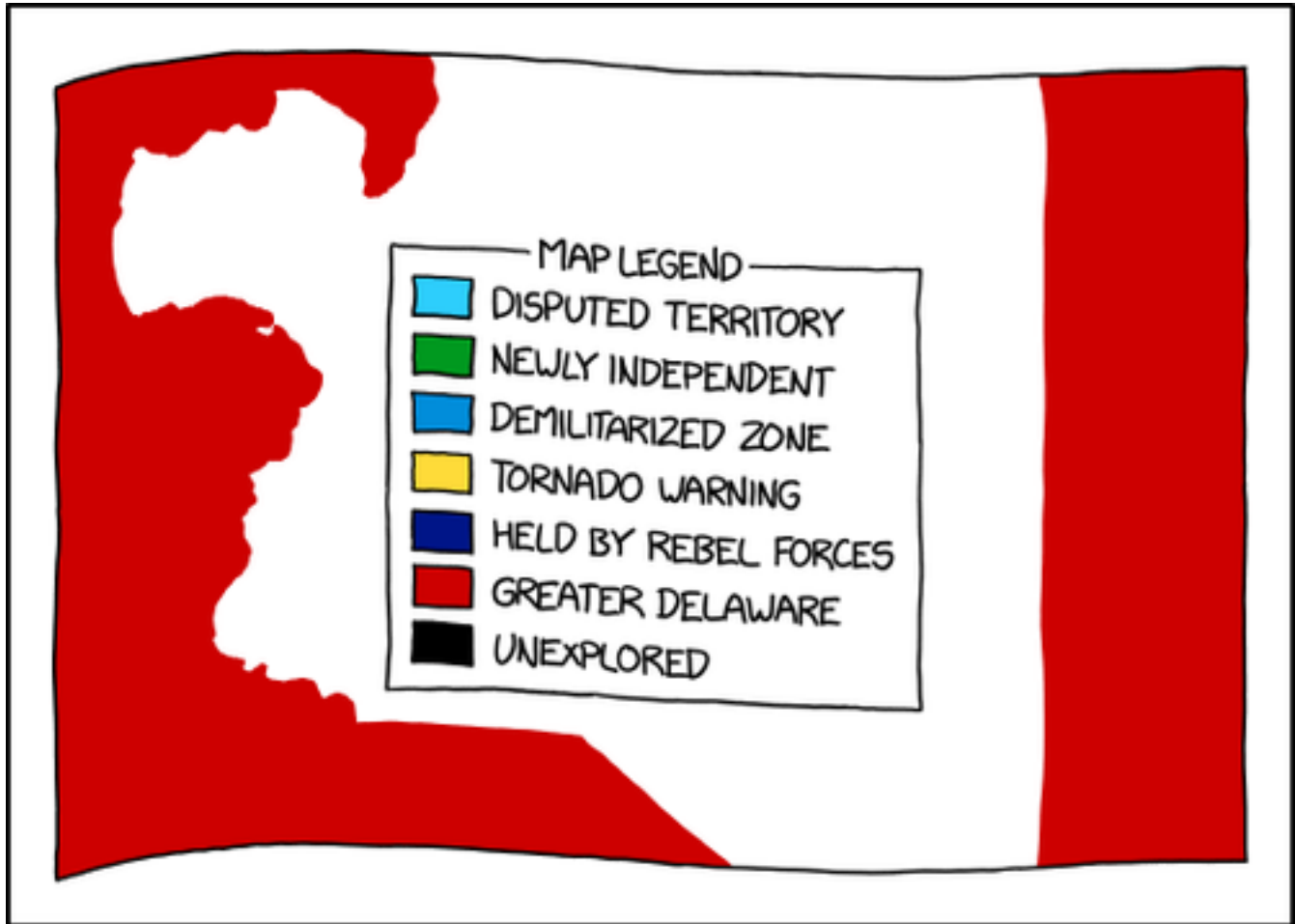


3 - endangered



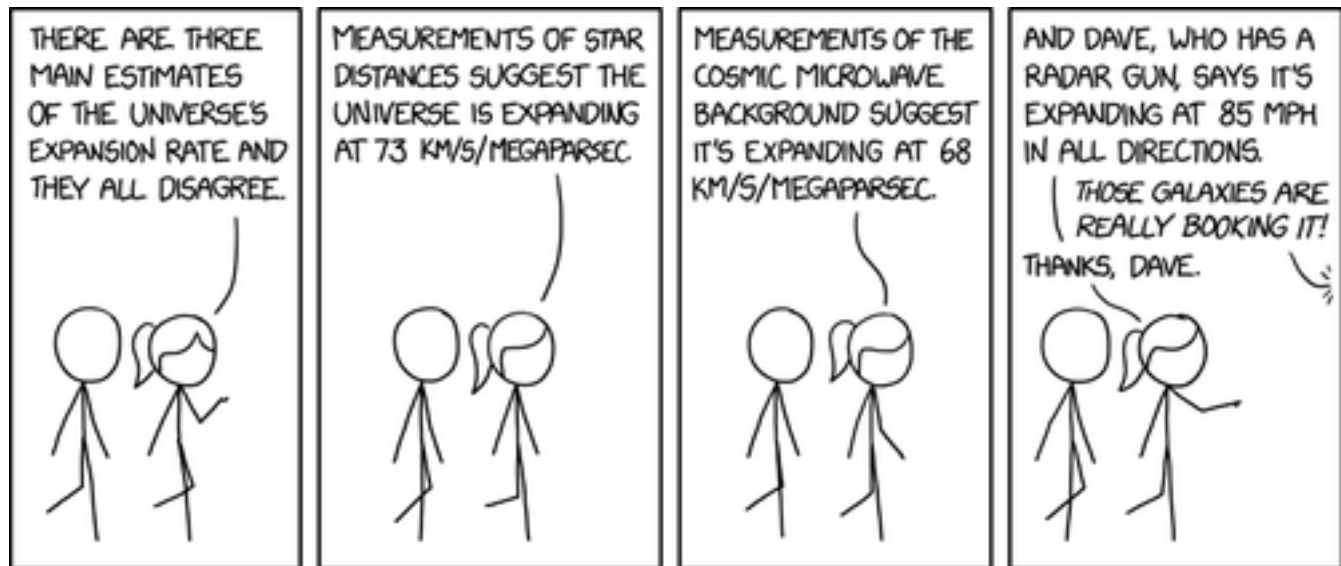
WHEN A PATHOGEN THAT SCIENTISTS REALLY DON'T LIKE IS CLOSE TO DISAPPEARING, IT GETS ADDED TO THE SARCASTIC ENDANGERED SPECIES LIST.

4 - flag map sabotage

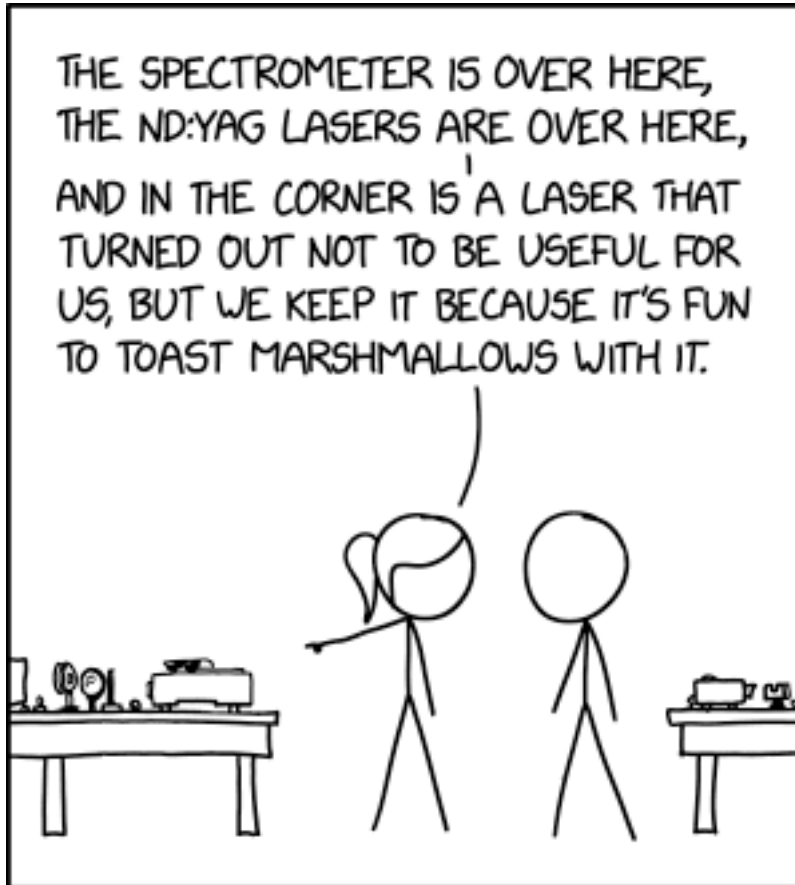


OUR NEW COUNTRY'S FLAG SABOTAGES THOSE MAPS WHERE GEOGRAPHIC AREAS ARE COLORED IN WITH FLAG PATTERNS.

5 - hubble tension

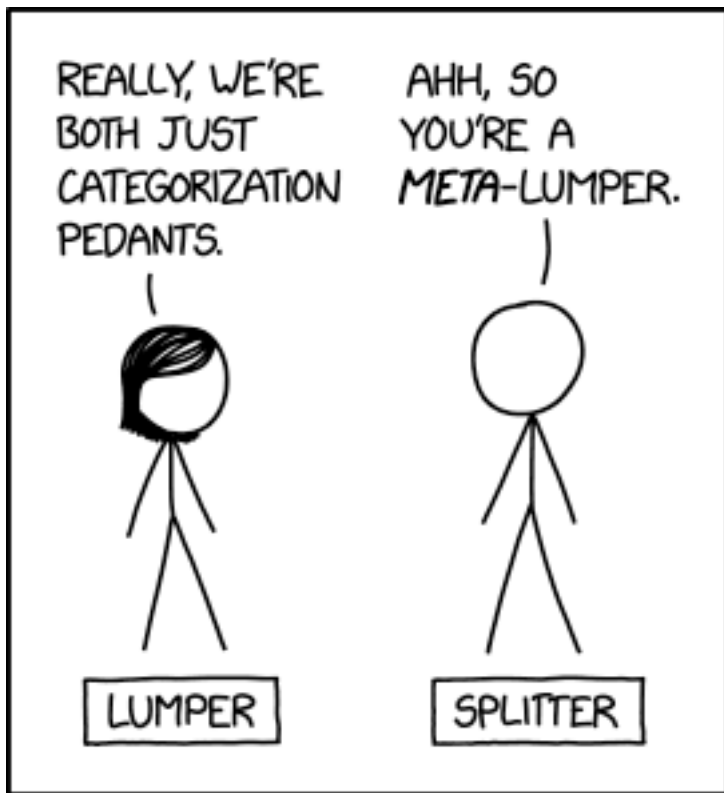


6 - lab equipment

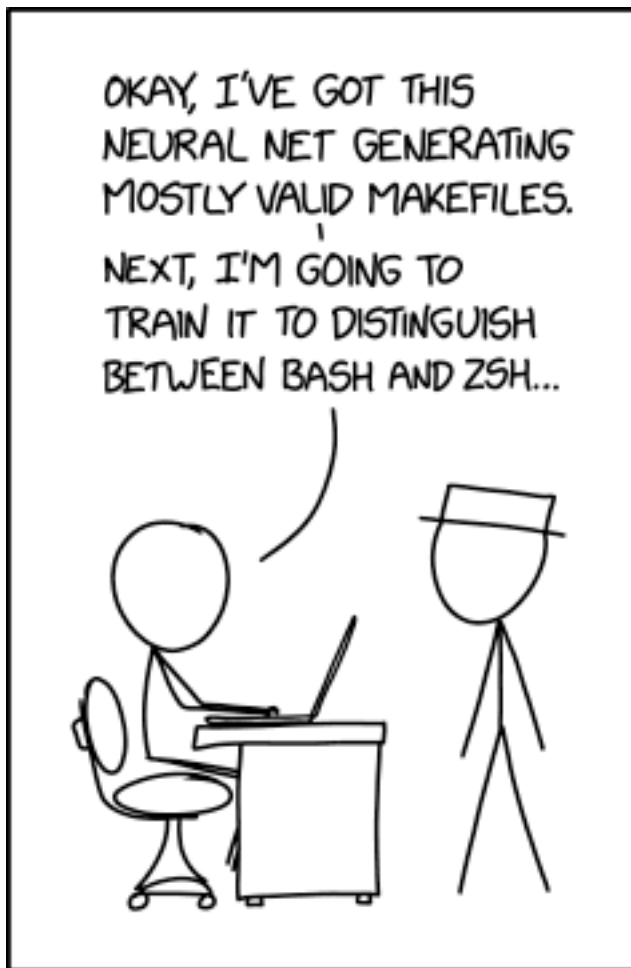


EVERY LAB IN EVERY FIELD HAS
SOME PIECE OF EQUIPMENT LIKE THIS.

7 - lumpers and splitters

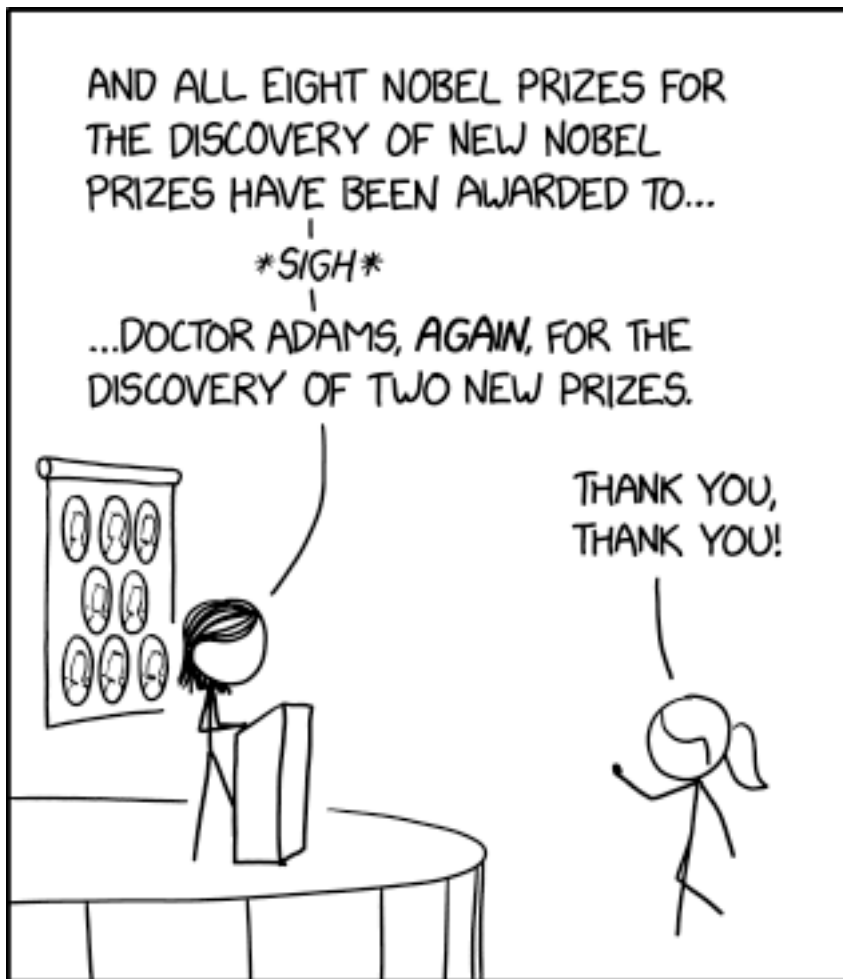


8 - modern tools



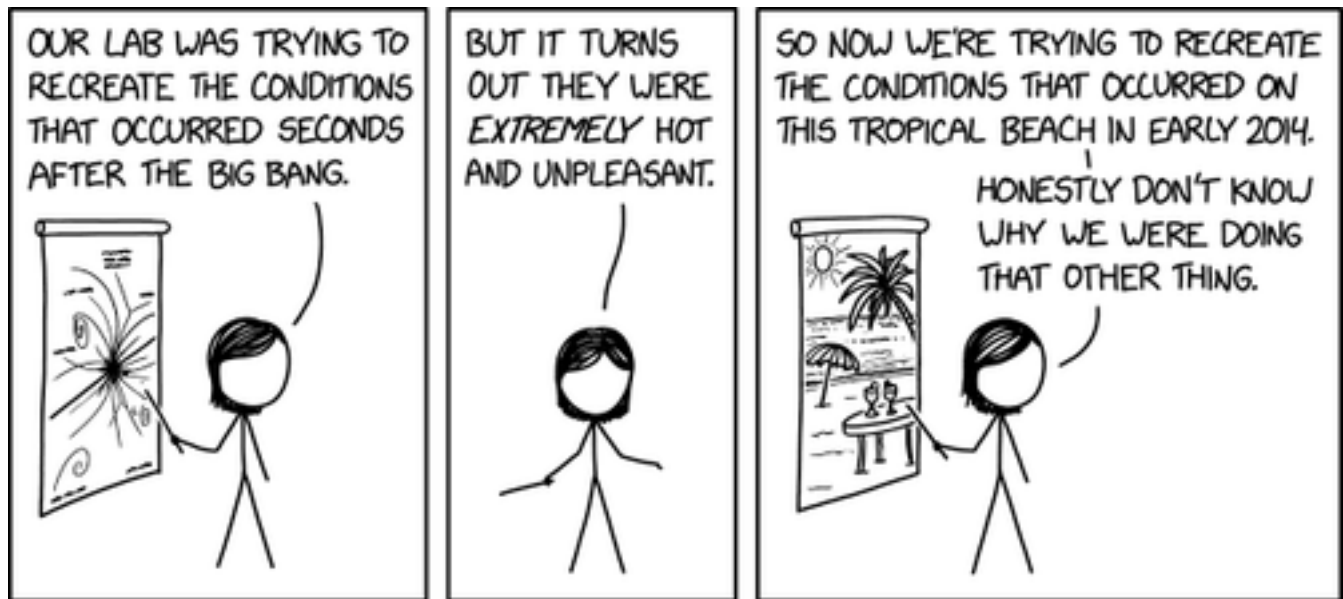
PEOPLE OFTEN USE ANCIENT TOOLS
AND UIS TO DEVELOP MODERN
CUTTING-EDGE TECHNOLOGY, BUT
I DO IT THE OTHER WAY AROUND.

9 - new nobel prizes



WE DON'T KNOW HOW SHE STARTED THIS AND
NOW WE CAN'T FIGURE OUT HOW TO STOP HER.

10 - recreate the conditions



11 - revelation



AND I BEHELD WHEN HE HAD OPENED
THE SIXTH SEAL, AND, LO, THERE WAS
A GREAT EARTHQUAKE; AND THE SUN
BECAME BLACK AS SACKCLOTH OF HAIR,
AND THE MOON BECAME AS BLOOD.

Om Om Om Om



HI JOHN, INCREDIBLE STORY, HOPE
YOU AND YOUR FAMILY ARE SAFE.
CAN CHANNEL 9 NEWS SHARE YOUR
ACCOUNT IN BROADCAST AND PRINT?

Om Om Om Om

12 - rover replies



THE MOST UNEXPECTEDLY WHOLESOME
PLACE ON THE INTERNET IS THE REPLIES
TO NASA'S ROVERS ON SOCIAL MEDIA.

13 - saturn hexagon



14 - sloped border



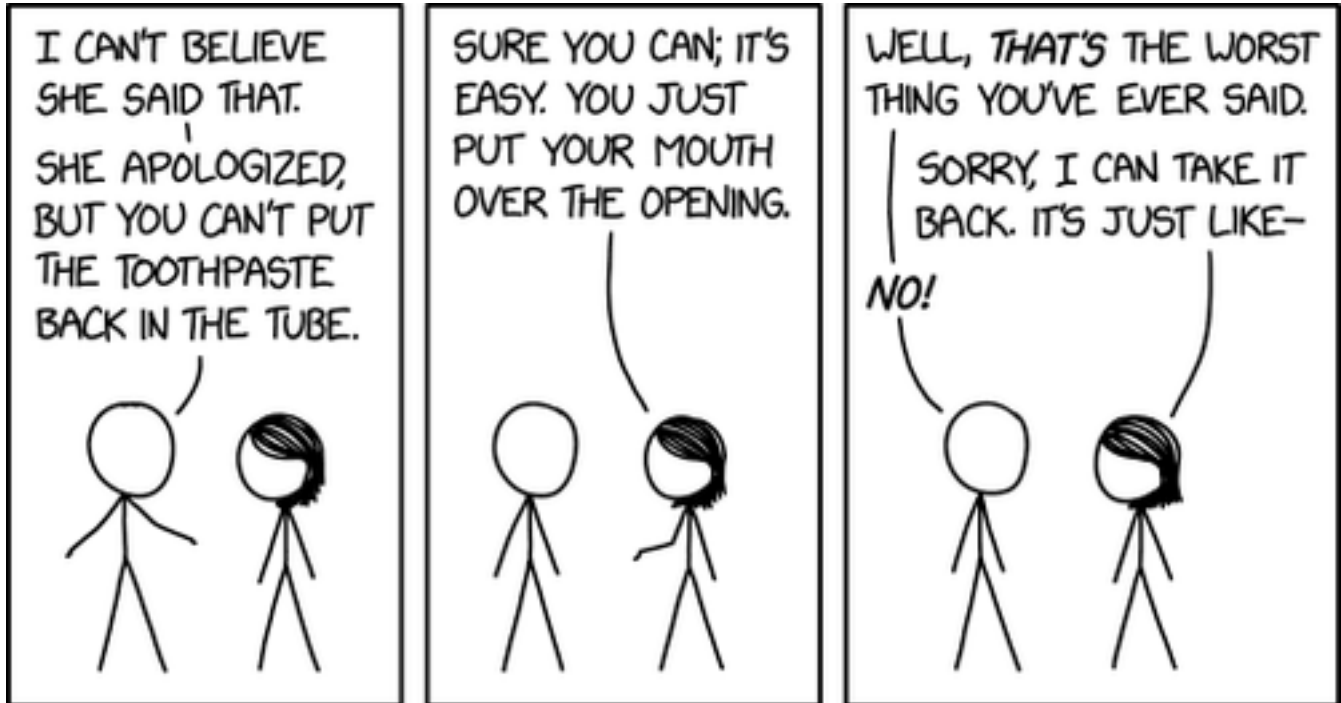
IF I'M EVER PUT IN CHARGE OF A COUNTRY, I'M GOING
TO SPEND ALL MY TIME TRYING TO THINK OF NEW
WAYS TO MAKE LIFE A NIGHTMARE FOR GIS PEOPLE.

16 - symbols

SYMBOLS AND WHAT THEY MEAN

$\frac{d}{dx}$	AN UNDERGRAD IS WORKING VERY HARD
$\frac{\partial}{\partial x}$	A GRAD STUDENT IS WORKING VERY HARD
\hbar	OH WOW, THIS IS APPARENTLY A QUANTUM THING
R_e	SOMEONE NEEDS TO DO A LOT OF TEDIOUS NUMERICAL WORK; HOPEFULLY IT'S NOT YOU
$(T_a - T_b)$	YOU ARE AT RISK FOR SKIN BURNS
N_A	YOU'RE PROBABLY ABOUT TO MAKE AN INCREDIBLY DANGEROUS ARITHMETIC ERROR
μm	CAREFUL, THAT EQUIPMENT IS EXPENSIVE
mK	CAREFUL, THAT EQUIPMENT IS <i>VERY</i> EXPENSIVE
nm	DON'T SHINE THAT IN YOUR EYE
eV	<i>DEFINITELY</i> DON'T SHINE THAT IN YOUR EYE
mSv	YOU'RE ABOUT TO GET IN AN INTERNET ARGUMENT
mg/kg	GO WASH YOUR HANDS
$\mu g/kg$	GO GET IN THE CHEMICAL SHOWER
π or τ	WHATEVER ANSWER YOU GET IS GOING TO BE WRONG BY A FACTOR OF EXACTLY TWO

17 - toothpaste



18 - tsp vs tbsp

COOKING TIPS: TSP VS TBSP

TSP

TERASPOON

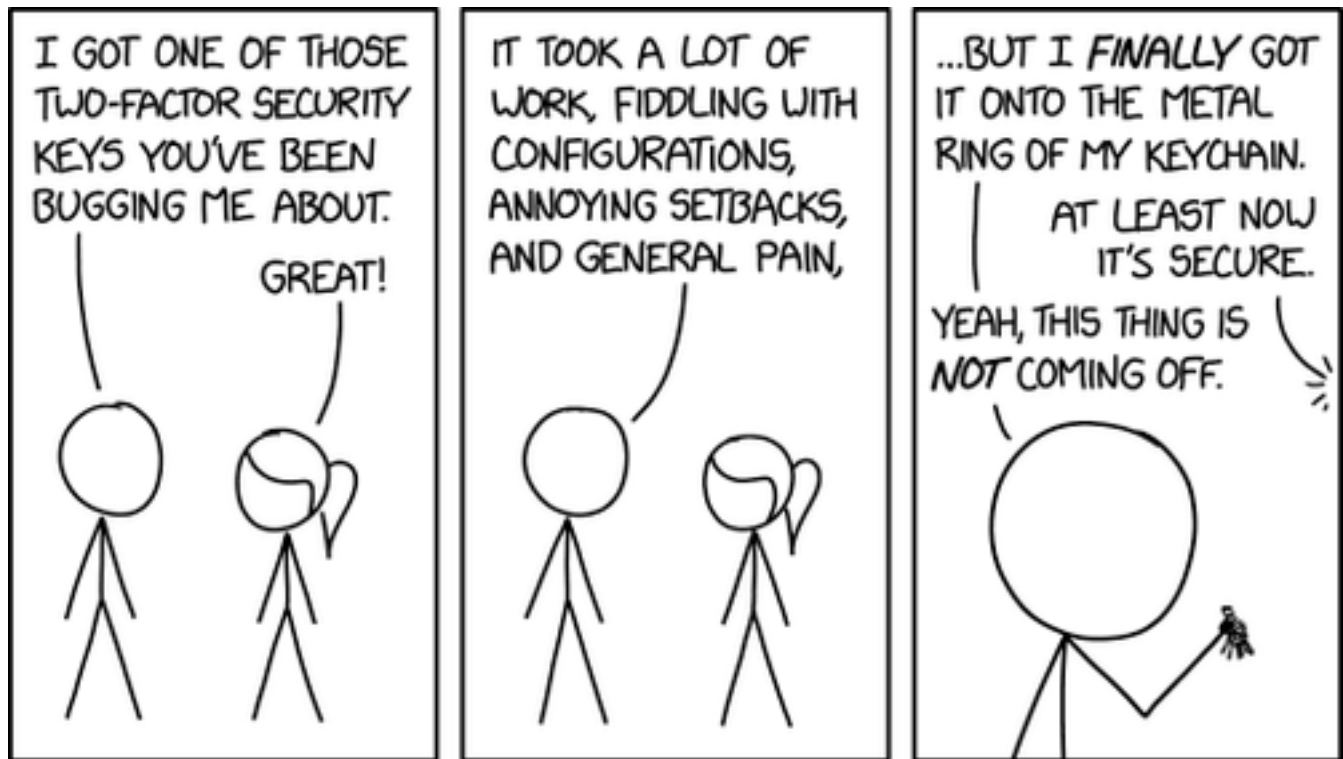
1,000,000,000,000
(10^{12}) SPOONS

TBSP

BINARY TSP

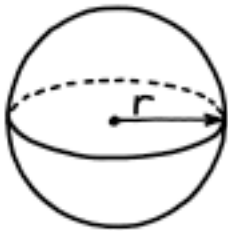
1,099,511,627,776
(1024^4) SPOONS

19 - two factor security key

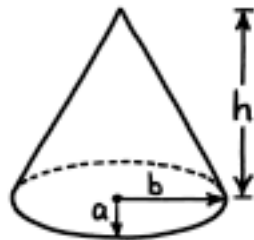


20 - useful geometry formulas

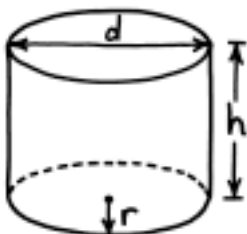
USEFUL GEOMETRY FORMULAS



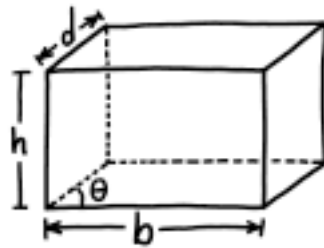
$$A = \pi r^2$$



$$A = \frac{1}{2} \pi a b + b h$$



$$A = d \left(\frac{\pi r}{2} + h \right)$$



$$A = b h + d (b \sin \theta + h \cos \theta)$$

21 - vaccine research

