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!

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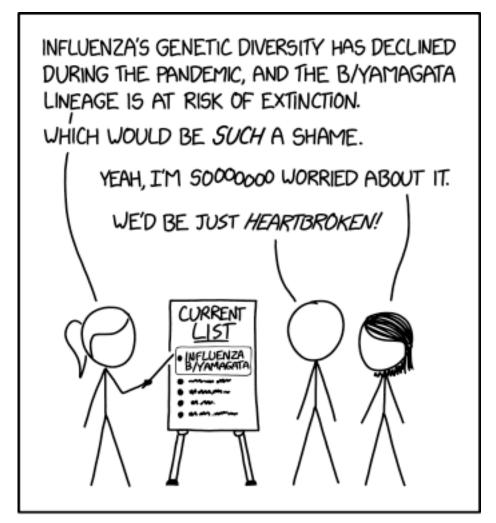
2 - comet visitor





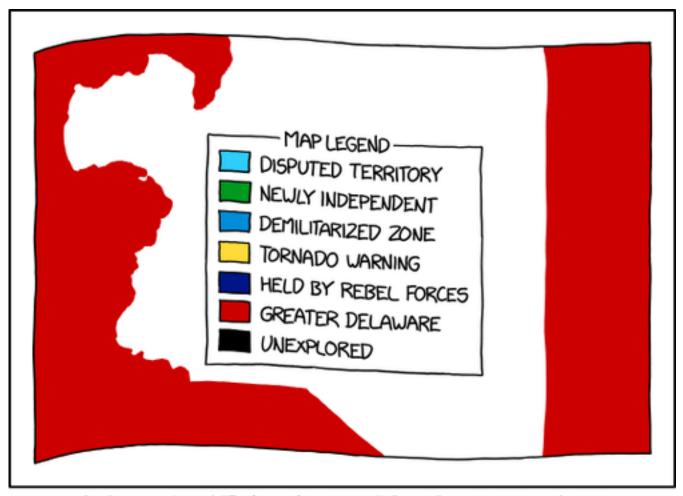


3 - endangered



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

THERE ARE THREE MAIN ESTIMATES OF THE UNIVERSE'S EXPANSION RATE AND THEY ALL DISAGREE.



MEASUREMENTS OF STAR DISTANCES SUGGEST THE UNIVERSE IS EXPANDING AT 73 KM/5/MEGAPARSEC



MEASUREMENTS OF THE COSMIC MICROWAVE BACKGROUND SUGGEST IT'S EXPANDING AT 68 KM/S/MEGAPARSEC.



AND DAVE, WHO HAS A RADAR GUN, SAYS IT'S EXPANDING AT 85 MPH IN ALL DIRECTIONS.

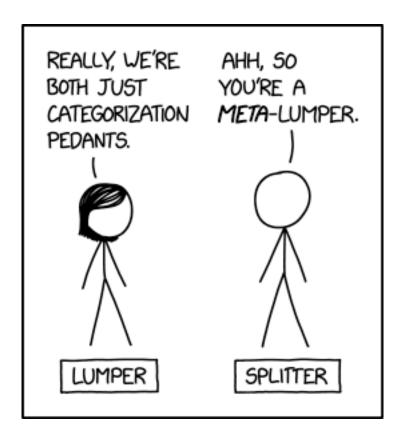
THOSE GALAXIES ARE REALLY BOOKING IT! THANKS, DAVE.

6 - lab equipment

THE SPECTROMETER IS OVER HERE,
THE ND:YAG LASERS ARE OVER HERE,
AND IN THE CORNER IS A LASER THAT
TURNED OUT NOT TO BE USEFUL FOR
US, BUT WE KEEP IT BECAUSE IT'S FUN
TO TOAST MARSHMALLOWS WITH IT.

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

7 - lumpers and splitters

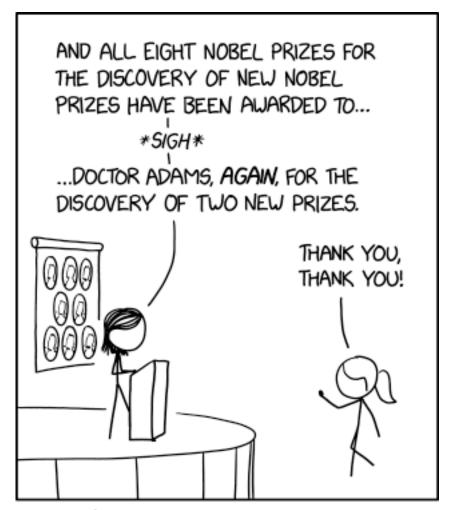


8 - modern tools

OKAY, I'VE GOT THIS
NEURAL NET GENERATING
MOSTLY VALID MAKEFILES.
NEXT, I'M GOING TO
TRAIN IT TO DISTINGUISH
BETWEEN BASH AND ZSH...

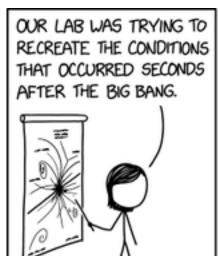
PEOPLE OFTEN USE ANCIENT TOOLS AND UIS TO DEVELOP MODERN CUTTING-EDGE TECHNOLOGY, BUT I DO IT THE OTHER WAY AROUND.

9 - new nobel prizes

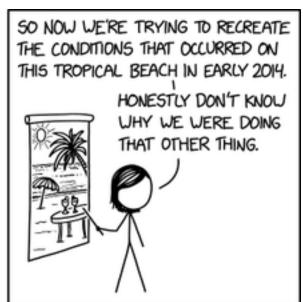


WE DON'T KNOW HOW SHE STARTED THIS AND NOW WE CAN'T FIGURE OUT HOW TO STOP HER.

10 - recreate the conditions







11 - revelation



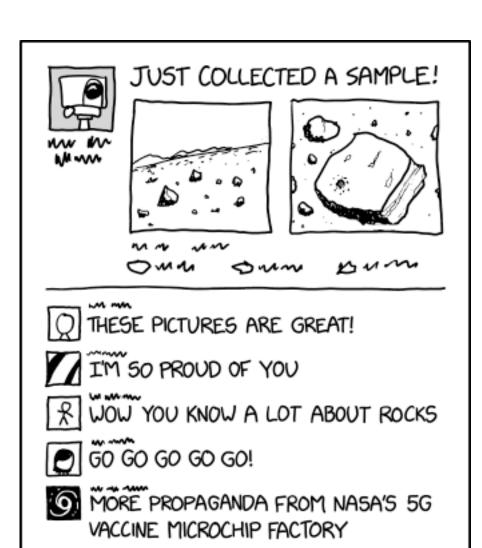
AND I BEHELD WHEN HE HAD OPENED THE SIXTH SEAL, AND, LO, THERE WAS A GREAT EARTHQUAKE; AND THE SUN BECAME BLACK AS SACKCLOTH OF HAIR, AND THE MOON BECAME AS BLOOD.





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

12 - rover replies



R HELLO FROM MISSOURI (EARTH)!

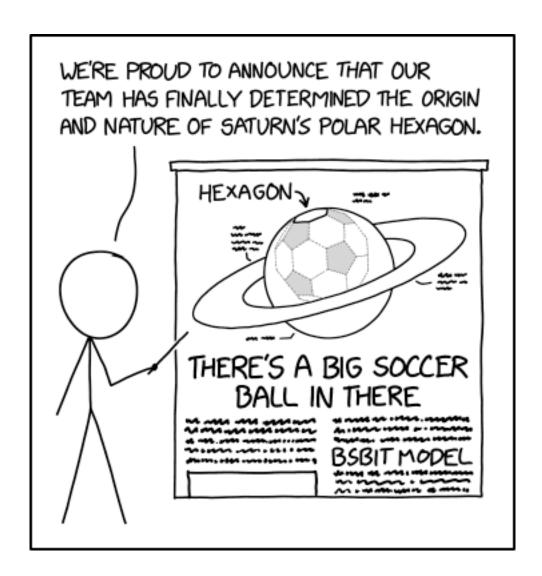
DID YOU FIND ANY SKELETONS YET

I HOPE YOUR HELICOPTER COMES BACK!

QUIET, WE'RE NOT DOING THAT HERE

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

4x AN UNDERGRAD IS WORKING VERY HARD

% A GRAD STUDENT IS WORKING VERY HARD

TO OH WOW, THIS IS APPARENTLY A QUANTUM THING

Re SOMEONE NEEDS TO DO A LOT OF TEDIOUS NUMERICAL WORK; HOPEFULLY IT'S NOT YOU

(T,4-T,4) YOU ARE AT RISK FOR SKIN BURNS

Na YOU'RE PROBABLY ABOUT TO MAKE AN INCREDIBLY DANGEROUS ARITHMETIC ERROR

um CAREFUL, THAT EQUIPMENT IS EXPENSIVE

MK CAREFUL, THAT EQUIPMENT IS VERY EXPENSIVE

nm DON'T SHINE THAT IN YOUR EYE

eV DEFINITELY DON'T SHINE THAT IN YOUR EYE

mSv You're about to get in an internet argument

mg/kg GO WASH YOUR HANDS

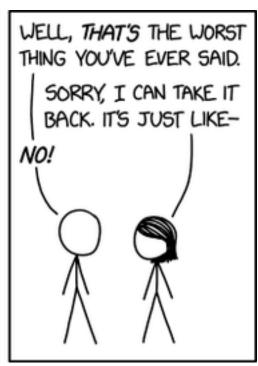
M9/kg GO GET IN THE CHEMICAL SHOWER

TOR'T WHATEVER ANSWER YOU GET IS GOING TO BE WRONG BY A FACTOR OF EXACTLY TWO

17 - toothpaste





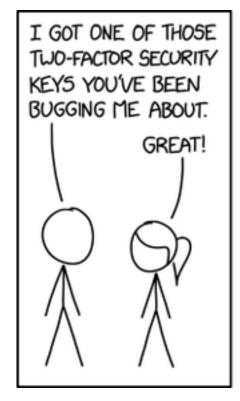


18 - tsp vs tbsp

COOKING TIPS: TSP V5 TBSP

TSP TBSP TERASPOON BINARY TSP 1,000,000,000,000 1,099,511,627,776 (1012) SPOONS (10244) SPOONS

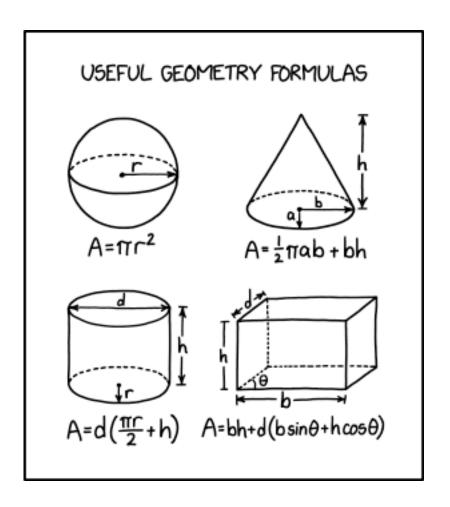
19 - two factor security key



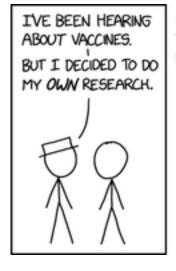




20 - useful geometry formulas



21 - vaccine research



50 I SPENT MONTHS ON THE INTERNET READING HUNDREDS OF STUDIES.



AND WOW,
I GOTTA SAY,
THESE
VACCINES ARE
PRETTY GOOD.
OH
REALLY.

