

Section 1: Math Galore!

1. 1
2. 14
3. 20
4. 97
5. 750
- ~~6. 70~~ Thrown out due to ambiguity - everyone gets points!
7. 23
8. 156
9. 120960
10. 220
11. 324
12. 625
13. 2173
14. 330
15. 223
16. 421
17. 4801
18. 446
19. 89
20. 55
21. 80

Section 2: Factorial Phonology

1. 1852
2. 5408
3. 215
4. 1591
5. 144

Section 3: Translation Station

1. "The tall men eat a grape."
2. "The girl drank red wine."
3. "Huloklo peqlu bokeh visilo i bok."
4. "Boklo faslu naranlo rajla comalo."

Section 4: Movie Math

1. Good Will Hunting
2. Interstellar
3. A Beautiful Mind
4. Hidden Figures
5. The Social Network
6. Gifted

7. The Man who Knew Infinity

Section 5: Location, Location, Location

1. 34, -84

(https://www.google.com/maps/place/Atlanta,+GA/@33.7580138,-84.3950706,3a,75y,90t/data=!3m8!1e2!3m6!1sAF1QipM0sYNS4egBWicwLyKbqZ_BSCrC1ZUMgprR9ttc!2e10!3e12!6shttps:%2F%2Flh5.googleusercontent.com%2Fp%2FAF1QipM0sYNS4egBWicwLyKbqZ_BSCrC1ZUMgprR9ttc%3Dw203-h114-k-no!7i5312!8i2988!4m12!1m6!3m5!1s0x943298174bd9c7d7:0xe9c3df006137b3a3!2sWalmart+C%C3%B3rdoba+Este!8m2!3d-31.3914298!4d-64.1583479!3m4!1s0x88f5045d6993098d:0x66fede2f990b630b!8m2!3d33.7494642!4d-84.3873596)

2. 48, 18

([https://www.google.com/maps/place/Lila-hegyi+Kil%C3%A1t%C3%B3+\(Geod%C3%A9zai+m%C3%A9r%C5%91torony\)/@47.5782845,17.6597262,3a,75y/data=!3m8!1e2!3m6!1sAF1QipN0ZndliPBe-GIOD-Eubbo-ugCRgNIQ9D-s8esU!2e10!3e12!6shttps:%2F%2Flh5.googleusercontent.com%2Fp%2FAF1QipN0ZndliPBe-GIOD-Eubbo-ugCRgNIQ9D-s8esU%3Dw86-h114-k-no!7i3024!8i4032!4m5!3m4!1s0x476bc3fa21379895:0x4dce8ae75fb46269!8m2!3d47.5782862!4d17.6597275](https://www.google.com/maps/place/Lila-hegyi+Kil%C3%A1t%C3%B3+(Geod%C3%A9zai+m%C3%A9r%C5%91torony)/@47.5782845,17.6597262,3a,75y/data=!3m8!1e2!3m6!1sAF1QipN0ZndliPBe-GIOD-Eubbo-ugCRgNIQ9D-s8esU!2e10!3e12!6shttps:%2F%2Flh5.googleusercontent.com%2Fp%2FAF1QipN0ZndliPBe-GIOD-Eubbo-ugCRgNIQ9D-s8esU%3Dw86-h114-k-no!7i3024!8i4032!4m5!3m4!1s0x476bc3fa21379895:0x4dce8ae75fb46269!8m2!3d47.5782862!4d17.6597275))

3. -23, 15

(<https://www.google.com/maps/place/Namib-Naukluft+National+Park/@-23.0833333,15.1666667,3a,75y/data=!3m8!1e2!3m6!1sAF1QipN79BSWrKX8f6Q0oJCaE7j5fOgKk0HQMzsZCV98!2e10!3e12!6shttps:%2F%2Flh5.googleusercontent.com%2Fp%2FAF1QipN79BSWrKX8f6Q0oJCaE7j5fOgKk0HQMzsZCV98%3Dw203-h114-k-no!7i4032!8i2268!4m5!3m4!1s0x1c726d8038cc6655:0xf6db45f529a1120e!8m2!3d-23.0833333!4d15.1666667>)

4. -31, -64

(https://www.google.com/maps/place/Bancor+Link/@-31.4066987,-64.2237352,3a,75y,90t/data=!3m8!1e2!3m6!1s1FD6mS2LGxkAAQq_mCxaQ!2e0!3e3!6s%2F%2Flh6.googleusercontent.com%2Fproxy%2FrSubfJiY3WGM6xSaxo8aroWEQZhXa5xHQb9HjGlfy15H6Wf17Mg2TbEndw4X0AC_p_eqPqk0PWt_W0DCLi2Z9xY0oocFEpqpEiYtTd3ApTicEah3EUY2FnXwr48Aa7I3EPZKsGv7Wt23cBNcyXBTK4_Om4FfTiC6CMaMSJ2rfn8%3Dw203-h152-k-no!7i1456!8i2592!4m12!1m6!3m5!1s0x943298174bd9c7d7:0xe9c3df006137b3a3!2sWalmart+C%C3%B3rdoba+Este!8m2!3d-31.3914298!4d-64.1583479!3m4!1s0x943298bc6de27539:0x6368869caa31f7c0!8m2!3d-31.4066719!4d-64.2238173)

5. 33, 65 (Trick question! You can solve this one with a geotag metadata extractor such as <http://exif.regex.info/exif.cgi>)

Section 6: Literal Lyrics

1. Old Town Road
2. Blinding Lights
3. Suge
4. Lucid Dreams

5. Astronaut in the Ocean
6. XO Tour Llif3
7. Dior
8. Ransom

Section 7: Internet Scavenger Hunt!

1. Shawn Corey Carter
2. Blufius Blufius Blufius

Section 8: Secret Messages

1. "Don't worry, they get harder!" (Scan the code)
2. "RAT BEHAVIOUR" (Scan the bar code in reverse)
3. "get baited" (Look in the image details!)
4. "Writing's not easy, That's why Grammarly can help. This sentence is grammatically correct, but it's wordy, and hard to read." (Browse the bitplanes in the image)
5. "NICE" (Step forward in Conway's Game of Life)
6. "ERROR: THERE IS A SYNTAX ERROR IN THE CODE. TRY AGAIN." (Copy-paste into a 'Whitespace' IDE)

Section 9: Sequences

1. "36: Hidden" (Noble gases' etymologies)
2. "95: Carlos" (Tour de France winners)
3. "20: 1 and 5" (Adjacent numbers on a dartboard)
4. "25: Red" (Clockwise on an American roulette wheel)
5. "GV" (Chronological British monarchs William IV, Victoria, Edward VII, George V)
6. "McCarthy" (Authors of books with titles decreasing by one word each time - 'My Life on the Road' to 'The Road')
7. "F" (Missing lines in each image is a number from 1-5)
8. "Blaise" (First names of scientists with official SI units named after them, in reverse chronological order)
9. Thrown out due to ambiguity - everyone gets points!
10. "4" (Reverse look-and-say sequence)
11. "23: FIDE" (chess ranks by 100's of ELO)
12. "3: DNE" (Example solutions to $a^n + b^n = c^n$ for consecutive integer n)
13. "78910" ($1/4, 23/3, 456/2, 78910/1$)
14. "Enrico, Dmitri" (First names of namesakes for elements 99-104)
15. "Frederick" (First names of two-time Nobel Prize winners in chronological order)
16. "4: 1.082" (Consecutive values of Riemann zeta function to 3 decimals)
17. "4: 0.707" ($\sin(\pi/n)$ for consecutive integer n)
18. "Lee ('63)" (First names of presidential assassins by year of assassination)
19. "Rio de Janeiro" (Consecutive Fields medal conference locations)
20. "G" (Each word decreases by one letter, from "GOAT → GOA → GO → G")
21. "Round 4: 22, Round 5: 13, Round 6: 1" (# Eliminations in consecutive rounds of 'Squid Game')

22. "Tony" (Winners of *Survivor* every 10th season)
23. "Lincoln" (President names used for state capitals in order of when they were used)
24. "5: MM" (Initials of section titles in this test)

Section 10: Connections

1. AFHK (can be followed by ball), BDEI (VSEPR geometries), CGNP (playground equipment), JLMO (microscope components)
2. ABLN (preceded by every or some), CHMO (interrogatives), EGJP (quarks), DFIK (TV/movie doctors)
3. ADFL (Manhattan river crossings), BGJM (can be "loaded"), CHKN (preceded by "Woody"), EIOP (types of pepper)
4. AGJO (girlscout cookies), BDIN (homophones for math terms), CEMP (Oceanic islands), FHKL (can be preceded by American)
5. AGKP (can be preceded by "time"), BDEI (form a word when preceded by "rec"), FJMO (programming terms), CHLN (taxonomic classifications)
6. AHJO (snow), BDIK (X-men members), CFLP (contain bird names), EGMN (Alabama cities)
7. ABGJ (Toy Story characters), CEFO (can be followed by "virus"), DLKM (words in the title of Kanye albums), HINP (first names of artists)
8. ADMO (first words in members of the Avengers), BGIP (anagrams of French colors), EHJN (can all be followed by "one"), CFKL (all synonyms for a blister)

Section 11: Predicting the Future

No answers yet, because we haven't collected the data!