

HOT PEOPLE PACKET

(there are a lot of women and some not women)

superpower = 20 points (+) power = 15 points (*) regular = 10 points, *neg = -5 points*

for bonuses, only the first part is intended to be a hot person (other parts may or may not be hot people)

1. A counter mode named after this mathematician is under development as a variant of one named after Galois. One measurement of curvature named after this mathematician is an average of minimum and maximum curvatures. This mathematician proved specific cases of Fermat's Last Theorem for primes under 100, and their tutelage under Lagrange led them to work on vibrations of (+) plane laminae. Numbers named after this mathematician are often paired with so-called "safe primes" and can be generated by $p-1$ all over 2, where p is a safe prime. For 10 points, identify this mathematician who died from breast cancer and whose namesake identity shows a factorization of a sum of (*) fourth powers.

ANSWER: Sophie Germain

<Science/Math>

2. This person's old YouTube intros featured the song "IT G MA" by Keith Ape. Besides the official VALORANT channel, this person was the most watched VALORANT streamer on Twitch in the last 30 days. This person had a surge in popularity during the (+) JASONR drama, where many clips of this person calling Jason out for sexism went viral. This former CS:GO player led Cloud9 to come back from a 15-11 deficit to win the (*) Boston Major in 2018, which was the first time a North American team had won such an event. For 10 points, identify this content creator of Turkish descent, who currently makes content for Sentinels.

ANSWER: tarik (or Tarik Celik)

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3. Note: two answers required. One of these people helped elucidate the structure and function of ribozymes, while the other person discovered tracrRNA and its crucial role in the development of crRNA. Along with Feng Zhang, these two people won the Tang Prize for Biopharmaceutical Science in 2016 for a technology that was notably later used to alter the (+) CCR5 protein. These two people are most notable for utilizing a bacterial immune system to cut and edit DNA sequences. For 10 points, identify these two scientists, who worked heavily with the (*) CRISPR/Cas9 system.

ANSWER: Jennifer Doudna and Emmanuelle Charpentier

<Science/Biology>

4. If this character detects that OBS or XSplit is running, they will attempt to jumpscare the player instead of guessing their name. While being voiced by Jillian Ashcraft, this character sings and plays the piano during the (+) closing credits of the main game she appears in. After the protagonist spends two days with their friend's corpse, this character claims that she "didn't realize the script was broken that badly." This character eventually traps the protagonist in a (*) classroom, and the player has to delete her character file in order to continue. This character's actions are largely spurred due to her being the only major character without an "ending" with the protagonist. For 10 points, identify this self-aware antagonist of *Doki Doki Literature Club!*

ANSWER: Monika

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5. In the episode cinematic "Ignition," this character is the only major character that is heard but doesn't appear on screen. In another scene, this character from Shaanxi welcomes a new recruit to her group; that recruit is (+) Neon, who uses electricity to kill people. A common strategy with this character is to closely follow their duelists around, which is commonly called "pocketing" for them. This character was nerfed heavily upon full release, with her slow and wall abilities lasting only about 70% as long. This character is the only agent that can (*) resurrect their teammates. For 10 points, name this character, the main healing agent in VALORANT.

ANSWER: Sage (prompt on Thorne)

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6. By far, this person's most viewed video on YouTube consists of them using an eye tracker in response to cheating allegations, and some of their strangest improvement tips involve water tanks or Mercedes-Benzes. They are well known for playing a browser game with various restrictions, such as grainy resolutions and extremely short time limits. One of their YouTube shorts involves them finding the location of a (+) street from the background of a music video. This person's signature profile picture is a fusion of the smiling and rage emojis from Apple. This person frequently hosts (*) Saturday tournaments, which he often commentates alongside DerZiggi and Daiiono. For 10 points, name this YouTuber and TikToker, who is best known for his GeoGuessr content.

ANSWER: Trevor **Rainbolt**

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7. In a music video by this musician with Hayley Williams, a man and a woman take various poses on a couch as the listener is repeatedly asked if they will do the title action. This musician collaborated with VALORANT to release a skin collection named after his debut EP, with the inspect animation on the weapons playing one of their (+) beats. That EP is named Spectrum. This musician's most recent album cover shows a rainbow-colored tree and features songs like (*) "Beautiful Now" and "I Want You to Know." One of this musician's songs features the singer lamenting "you are the piece of me // I wish I didn't need." For 10 points, identify this DJ based in Germany who made "Stay" and "The Middle."

ANSWER: **Zedd** (or Anton *Zaslavski*)

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8. This person acted as an orphan rescued from the Titanic who lives with Gum and Nana. This person gave advice at Grand Central Station for \$2 in a Vanity Fair video, and this person starred alongside Tom Hanks in a movie on tech dystopia. This person is seen reading (+) "The Vagina Monologues" on her Instagram to advertise her reading group Our Shared Shelf. This actress has made several talks at the UN as well as the HeForShe campaign. This Brown University alum was the star of an iconic scene where "Heroes" by David Bowie plays as she's going through a tunnel; that movie is (*) *The Perks of Being a Wallflower*. This actress starred alongside Daniel Radcliffe and her childhood crush Tom Felton. For 10 points, name this actress who kick started her career in Harry Potter, starring as Hermione Granger.

ANSWER: Emma **Watson**

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9. In the music video by this artist with blackbear, this artist has super shitty bloody noses edited in. In a song on this artist's debut album, they say that they "fall head first like paper planes and playground games," before claiming that everyone possesses the title characteristic. This artist, who was featured on (+) "I Need Your Love," appears on the Fifty Shades of Gray soundtrack. One of this artist's songs was written about her trouble sleeping, and, in that song, she sings that the title objects are (*) "calling, calling, calling her home." For 10 points, name this English singer of "Outside" and "Love Me Like You Do."

ANSWER: Ellie **Goulding**

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10. In the 2019 National Science Bowl finals, the first person to introduce themselves from Dulles High School said that this person was their favorite scientist. This graduate in mechanical engineering worked at the Jet Propulsion Lab before transitioning to their most well-known role. This person runs a monthly subscription for (+) toy builds to generate interest in STEM; that subscription is called Crunchlabs. In their most recently published work, this person built a mechanical arm to win an arcade punching game, however they still lost to a more muscular person. One of their most popular videos shows them filling a swimming pool with (*) jello. For 10 points, name this science YouTuber that makes glitter bombs targeting scammers.

ANSWER: Mark Rober

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11. In the first game that this character appears in, they give the protagonist the ability to spin after he catches three rabbits. Later on in that same game, this character's children kill themselves before the protagonist wakes up in his hometown. In Mario Kart Wii, this person is the only female character in the Large class, and she is used for the staff ghosts on (+) Rainbow Road. This character is shown reading a bedtime story to her children, in which she reveals that her mother is dead. That cutscene is shown on the spaceship she owns, called the (*) Comet Observatory. For 10 points, name this princess from the Mario universe, the mother of the Lumas who helps Mario rescue Peach in Super Mario Galaxy.

ANSWER: Rosalina (accept Rosetta you weird nerd)

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12. This person wrote a memoir about the botanical life they encountered in their travels, which was later pulled from shelves due to extensive claims of plagiarism. This person observed a four-year war during their field work in the seventies, in which the (+) Kahama clan was destroyed by the Kasakela clan. This person watched animals use grass to dig termites out of holes, thus documenting the first evidence of non-human toolmaking. This person, who did their most famous field work in (*) Gombe Stream National Park, observed individuals such as Sniff, Goliath, and Satan. For 10 points, name this anthropologist, who is most famous for studying chimpanzees in Tanzania.

ANSWER: Jane Goodall

<Social Science>

13. This singer asks the listener whether they were “just a two year practice run” in a promotional song on their newest album. That album’s cover is a blurry picture of this artist and is named after them. One of this singer’s songs claims that (+) “Manhattan’s nice // But so are Malibu nights.” That song, whose acoustic version has more streams than itself, reminisces about driving through Hollywood, and this artist says she’ll stay “in the city of angels.” In her most famous song, this artist sings (*) “I’ll just let ya know bedroom’s vacant” and asks the listener if they “wanna take this downtown.” For 10 points, identify this Indonesian member of 88rising, the singer behind songs like “Every Summertime” and “lowkey.”

ANSWER: NIKI (or Nicole Zefanya)

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14. A Boon given by this character gives the player the ability to heal from nectar; that Boon is called Premium Vintage. One keepsake obtained by interacting with this character gives the player an increased chance of rarity for their next Boon; that keepsake is the (+) Overflowing Cup. In the 2020 Game of the Year, this character tells the protagonist that he’s going to host a big feast when they unite and helps him escape his father in the underworld. In mythology, this character is known for battling the Giant Eurytus and turning Tyrrhenian pirates into (*) dolphins. For 10 points, name this god, who is Zagreus’ cousin in the game Hades and the Olympian god of wine.

ANSWER: Dionysus

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15. A KHS cover of one of this American artist's songs features Yoandri and Rain Paris, who are also very hot and deserve to be here. In a song written about this artist, the singer laments that he led her into "the garden of his loneliness." This artist of "Kissin' In The Cold" claims that they (+) "just dance into each other" on a song with the aforementioned singer. With Niall Horan, this artist sings that "you clinged to my body like you wanted it forever." In a collaboration with her most recent ex, this singer reminisces that it (*) "didn't scare me when the earthquake happened." For 10 points, name this American singer of "Issues."

ANSWER: Julia Michaels

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16. This person's Twitch stream is always called "BARKING STREAM," although I've never actually heard them bark. This person is frequently horny on main with someone whose Twitter largely consists of them choking other people. That person is (+) NRG Flexinja. This person recently tweeted about how underrated masturbation was as a "useful tool," which predictably spawned disparaging remarks about their character. This person, who graduated from Wharton, created a subscription service which gives creators a 90/10 split. This (*) Forbes 30 Under 30 member frequently tweets about her "gorilla grip coochie" and how she wants dick. For 10 points, name this founder of Fanhouse and professional Twitter flirt.

ANSWER: jasminericgirl (or Rosie Nguyen)

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17. After one person rides a horse incorrectly and breaks its back, this character confesses that they are cheating on their spouse. This character has a namesake (+) "principle," which derives from the observation made in the first line of this character's novel. Along with their lover, this character flees to Italy to escape their spouse, but ultimately ends up returning to their home country. This character becomes increasingly paranoid that her lover is cheating on her; that lover is (*) Count Vronsky, whose supposed infidelity causes her to jump in front of a train. For 10 points, identify the title Russian socialite of a Leo Tolstoy novel.

ANSWER: Anna Karenina (if they say Keira Knightley or Keira Righton (the actress for the 2012 adaptation) give them double points)

<Literature/World>

18. This artist portrayed a series of clowns in their series of the same name, and they show mutilated children's dolls in *Black and White*. This artist compiled images of mannequins and prosthetics, often arranged in a grotesque manner, in one of their anti-porn pieces. One work by this artist is modeled after a Playboy (+) centerfold image and is intended to make men "feel like the violators that they would be." In one collection by this photographer of *Sex Pictures*, they show themselves as an "airhead actress" performing various poses, including sitting in a tree in number 43 and gazing outside the frame in number 21. For 10 points, identify this American photographer who depicted traditional female roles in her (*) *Untitled Film Stills*.

ANSWER: Cindy Sherman

<Fine Arts/Visual>

19. This artist got an ASMR head massage from a YouTuber she stated inspired her album. Lucy Dacus was the hyped up mystery opener for her Forest Hills, the neighborhood Benjamin Shi won't shut the fuck up about. performance, who performed (+) "Me and My Dog" alongside this artist. This artist doesn't like one of her earliest songs because she thinks it's too childish; that song is "Waiting Room." This artist said on Twitter her fans would be called Phantoms, however, they are self proclaimed as (*) Pharbz. This artist sparked controversy after smashing a guitar on SNL, and this artist was featured on Red (Taylor's Version) on the song "Nothing New." One of her most popular songs is named after a large city in Japan. For 10 points, name this artist whose most popular song is "Motion Sickness."

ANSWER: Phoebe **Bridgers**

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20. Along with Dan Ni and Tiffany Zhou, this person wrote a 2021 paper including proof softwares. This person won a 2020 award from (+) Bonneville Power Administration, but the main award was canceled due to the COVID-19 pandemic. This individual seriously needs to go touch some grass. That same year, this person, along with dozens of others, showed an important result about circumcenters; that result was the first one published in a document titled USOMO. This person gave an online speech about auxetics and the negative Poisson's ratio; that speech happened on a (*) dating app and had an audience of one unimpressed match. This person did "research" on biomaterials in 2021 before accidentally ghosting their professor. In 2019, this VFA prodigy created an Overleaf document before being rejected from PRIMES-USA. For 10 points, name this current UW student, the author of this packet.

ANSWER: **Coby Tran** [accept either underlined portion]

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1. This character attempts to woo her best friend's brother, but ends up marrying Rawdon Crawley. For 10 points each:

[M] Identify this character, who attended Miss Pinkerton's Academy along with Amelia Sedley. This character is described as a "social climber."

ANSWER: Becky **Sharp**

[E] Becky Sharp and Amelia Sedley appear in this satirical novel by William Thackeray.

ANSWER: **Vanity Fair**

[H] After Miss Pinkerton gives Becky a dictionary, she throws it out of a window and shouts this phrase. This patriotic phrase is often said on July 14 in the real world.

ANSWER: **Vive la France**

<Literature/British>

2. This artist revealed that they "used to pray for a whole other family" on a song about their parents' divorces, and one of their songs was sampled and pitched up a fourth in one of NF's more popular songs. For 10 points each:

[M] Identify this artist, the singer of works like "Older" and "I'll Wait."

ANSWER: Sasha Alex **Sloan** (or Alexandra Artourovna **Yatchenko**)

[E] Sloan collaborated with this artist on their song "Is It Just Me?", where they sing that "marijuana's classy // and doing coke is trashy." This artist is better known for their songs "See You Again" and "Attention."

ANSWER: Charlie **Puth**

[H] This Sasha Sloan song deals with coping with the loss of their partner and claims that "you're just harder to see than most" before singing that she does the title action every night.

ANSWER: "**Dancing With Your Ghost**"

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3. This character was infected by a Cadou parasite in human experimentation, which later ended up giving her strange abilities. For 10 points each:

[M] Identify this tall hot vampire lady, who reigned from her namesake castle and ate local peasants for several decades before being killed by Ethan Winters in 2021.

ANSWER: Lady **Dimitrescu** (or Alcina **Dimitrescu**)

[E] Lady Dimitrescu is from this game series. Earlier parts in this game series involve people fighting the biological mutants created by the Umbrella Corporation and the destruction of Raccoon City.

ANSWER: **Resident Evil**

[H] Lady Dimitrescu was subjected to experimentation by this cult leader. This priestess also kidnapped Rose Winters in an attempt to revive her only daughter, who died from the Spanish flu.

ANSWER: Mother **Miranda**

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4. Along with Cauchy, this mathematician showed the existence of a unique satisfactory neighborhood of 0 concerning n-dimensional differential equations. For 10 points each:

[H] Identify this prominent Russian mathematician, who is best known for her work in partial differential equations. She names a kind of top with a 2 to 2 to 1 ratio of moments of inertia.

ANSWER: Sofya **Kovalevskaya** (accept Sophie **Kowalevski**)

[M] Kovalevskaya was taught by this mathematician, who may have also tried to pursue her romantically. This mathematician names a function that is continuous everywhere but differentiable nowhere.

ANSWER: Karl **Weierstrass**

[E] The Kovalevskaya top is a special case of the top named after this person, who names 3 angles in rotational dynamics and a famous constant approximately equal to 2.718.

ANSWER: Leonhard **Euler**

<Science/Math>