



GRADWRITE

Contributors:

Asha Basu

McKenna Gray

Eli Nason

Denali Tran-Le

Charlotte Bauer

Lucas Hall

Adrian O'Leary

Stefan Vlad

Tai Belke

Zach Higgins

Nathan O'Leary

Chris Wang

Tomas Bertovic

Joyann Hua

Stephen Ottewell

Chloe Wei

Brendan Bridle

Lee Huynh

Olivia Parisotto

Alvin Yeung

Kunaal Chandrashekar

Susanna Liao

Anna Reso

Simon Choist

Eva Mandelbaum

Matthew Stasiw

Amir Dolansky

Will Marcotte

Dylan Steptoe

James Ferrabee

Nina Nakamura

Serena Suleman

PACK 2

6-Part Blitz

1. Which clef, whose centre is indented on middle C, is used by the viola?
A: **alto** clef
2. Cushing's disease is caused by the overactivity of what gland, which produces aldosterone, cortisol, and a namesake hormone also known as epinephrine?
A: **adrenal** gland
3. Andorra lies in what mountain range, which separates Spain from France?
A: **Pyrenees**
4. In what Supergiant Games sequel does the player control Melinoë ["muh-LEH-noh-EE"], the Princess of the Underworld?
A: **Hades 2** (reject: *Hades*)
5. Who was the only woman to ascend *suo jure* ["JU-ray"] to the Habsburg throne?
A: **Maria Theresa**
6. Given an angle of a triangle, what trigonometric function returns the ratio of the length of its opposite side to that of its adjacent side?
A: **tangent**

Set of 4: Art Museums

7. What material are the triangular and diamond-shaped tiles that I. M. Pei used to construct the Louvre Pyramid made out of?
A: **glass**
8. What national museum houses *The Milkmaid* and *The Night Watch*, along with other works by famous Dutch artists?
A: **Rijksmuseum** ["RIKES-myoo-ZEE-um"]
9. What city's art museums include the Galleria dell'Accademia, which houses Michelangelo's original David, and the Uffizi ["oo-FEET-zee"] Gallery?
A: **Florence**
10. What philanthropist's foundation names four art museums around the world, including one in New York featuring a spiral design?
A: Solomon R. **Guggenheim**

Pyramid

11.

Part 1: Who starred as Penny Pingleton in *Hairspray Live!* alongside Dove Cameron and Kristin Chenoweth?

Part 2: During her latest movie's production, this actor began a relationship with her castmate, Ethan Slater.

Part 3: This actor starred alongside Elizabeth Gillies and Victoria Justice while playing the enthusiastic but oblivious Cat Valentine on Nickelodeon's *Victorious*.

Part 4: This actor clutches the finger of her co-star, Cynthia Erivo, in an interview

promoting the movie adaptation of *Wicked*, in which she played Glinda the Good Witch.

A: Ariana **Grande**

Set of 3: Cyrus the Great

14. Cyrus hailed from what dynasty, which also names the empire he ruled over?

A: **Achaemenid** ["ACK-uh-MEN-id"] dynasty

15. What title was given to viceroys employed by Cyrus as provincial governors?

A: **satrap**

16. What geometric shape names an artifact at the British Museum that details Cyrus's conquest of Babylon?

A: **cylinder**

Double Jump

17. HouseGuests are evicted from a continuously surveilled house in what reality television series, which takes its name from the dictator in *Nineteen Eighty-Four*?

A: **Big Brother**

18. Known for having invented the "floater" strategy, who defeated her former Girl Power ally Alison Irwin in a 6–1 vote in order to win *Big Brother 4*?

A: **Jun Song** (accept either bolded part)

Double Jump

19. In 1934, what country's government executed Operation Hummingbird, or the Night of the Long Knives?

A: Nazi **Germany**

20. Nazi propaganda claimed that the Night of the Long Knives was a measure taken to prevent a coup by what German officer, the chief of the SA?

A: Ernst **Röhm**

5-Part Mystery Link

21. Who won the 1980 Lou Marsh Award for Canada's top athlete after running 5,373 km for his Marathon of Hope?

A: Terry **Fox**

22. What is the first name of the identified suspect arrested in Altoona, Pennsylvania five days after the death of Brian Thompson, the CEO of UnitedHealthcare?

A: **Luigi**

23. In HTML, what element allows users to navigate from the source document to another resource, and often features blue hypertext when displayed on a web page?

A: **link** (accept: **hyperlink**; but reveal: **link**)

24. What river in the Great Glen of Scotland shares its name with a lake southwest of Inverness, the dwelling place of a famous cryptozoological creature?

A: River **Ness**

25. Who, in collaboration with Joe Simon, created the first *Captain America* comics?
A: Jack **Kirby**

All answers are playable characters in *Super Smash Bros.* on N64.

END OF FIRST QUARTER

SECOND QUARTER

Splits: African Rivers & Early Internet Memes

African Rivers

26. What seasonal inland river delta, which was designated a UNESCO World Heritage site due to the diverse fauna it supports, runs through Botswana's Kalahari Basin?
A: **Okavango** River Delta
27. The opposite banks of what river, Africa's largest by discharge volume, are home to the national capitals of Brazzaville and Kinshasa?
A: **Congo** River
28. Victoria Falls is located on what river, which forms part of the border between Zimbabwe and Zambia?
A: **Zambezi** River
29. What two colours are affixed to the names of the two major tributaries that meet in Khartoum to form the Nile river?
A: **blue** AND **white**

Early Internet Memes

30. What action involves tricking Internet users to click on URLs that link to the music video for Rick Astley's "Never Gonna Give You Up"?
A: **Rickrolling** (accept word forms)
31. Rage comics from the 2000s typically ended with what image macro of a smug grinning face, often accompanied by the text "u mad?"
A: **Trollface**
32. In "Fabulous Secret Powers," what '80s animated television protagonist is seen dancing atop a rainbow background to a techno cover of "What's Up?" by the 4 Non Blondes?
A: **He-Man** (accept: Prince **Adam**)
33. Christopher Torres used his own cat Marty as inspiration for what GIF of a cartoon cat with a Pop-Tart torso flying through space?
A: **Nyan Cat**

Set of 3: Explosive Chemistry

34. What gas, produced in the reaction between acetic acid and sodium bicarbonate, is responsible for the explosiveness of a baking soda and vinegar volcano?

A: **carbon dioxide** (accept: **CO2**)

35. What group of elements react the most violently with water, as its members possess only a single valence electron?

A: **alkali metals**

36. What functional group can be added to cellulose to synthesize highly flammable flash paper, and also occurs three times in the structure of TNT?

A: **nitro** (accept: **NO2**)

Set of 4: Canada in the 19th Century

37. The Pacific Scandal led to the resignation of what Prime Minister, who oversaw the construction of the Canadian Pacific Railway and was the first Prime Minister of Canada?

A: John A. **Macdonald**

38. What piece of legislation gave the federal government control over Indigenous peoples and their lands, as well as securing Canada's status as a Commonwealth nation in 1867?

A: **British North America Act of 1867** (accept: **BNA Act, Constitution Act, 1867**)

39. What man was executed for high treason in 1885 after leading the failed Northwest Rebellion, and had previously led the Red River Rebellion?

A: Louis **Riel**

40. In Upper Canada, what name was given to the group of men who held significant power and influence during the early 1800s, often considered an analogue of the Lower Canadian Château Clique?

A: **Family Compact**

Double Jump

41. In geometry, what is the name of the chord that passes through the center of a circle, with length equal to twice the radius?

A: **diameter**

42. Which Greek mathematician from Miletus names a theorem which states that the triangle formed by a diameter of the circle and a third point somewhere else along the circle is a right triangle?

A: **Thales** of Miletus

Double Jump

43. An umbrella pops out of the barrel of the gun that George points at his wife, Martha, at the end of the first act of what play by Edward Albee?

A: **Who's Afraid of Virginia Woolf?**

44. What are the names of the younger couple whom George and Martha entertain in *Who's Afraid of Virginia Woolf?*

A: **Nick** AND **Honey**

6-Part Linked Set

45. What kind of supernatural beings are the brothers Brokkr and Eitri, who forge items used by Norse gods?

A: **dwarf** (accept: **dwarves**)

46. In 2006, what celestial body was reclassified by the International Astronomical Union as a dwarf planet?

A: **Pluto**

47. What type of animal is the only one of Disney's "Sensational Six" that does not wear human clothes, Mickey Mouse's pet Pluto?

A: **dog**

48. What city contains Cubitt Town, Millwall, and Canary Wharf on its peninsular Isle of Dogs?

A: **London**

49. What territory serves as the setting for the novels *The Call of the Wild* and *White Fang*, both written by Jack London?

A: **Yukon** Territories

50. What amusement park is home to the tallest, longest, and fastest dive coaster in the world, the Yukon Striker?

A: **Canada's Wonderland** (prompt on: Wonderland)

END OF FIRST HALF

THIRD QUARTER

Splits: Precipitation & Rain in Musicals

Precipitation

51. The Tibetan Plateau's arid climate is a result of what meteorological phenomenon, in which areas on a mountain range's leeward side receive significantly less rainfall?

A: **rain shadow**

52. What word in the US refers to precipitation consisting of small ice pellets, and in Canada to precipitation consisting of rain and partially melted snow?

A: **sleet**

53. What type of precipitation occurs when raindrops are carried upward by thunderstorm updrafts and freeze in the atmosphere?

A: **hail**

54. Along with nitrogen oxides, what compound is highly regulated for its role as the most prevalent cause of acid rain?

A: **sulfur dioxide** (accept: **SO2**)

Rain in Musicals

55. In what Broadway showstopper number does Fanny Brice compare the sun to a ball of butter, concluding Act I of *Funny Girl*?

A: **"Don't Rain on My Parade"**

56. What Best Musical winner at the 2024 Tony Awards features an onstage rain storm during its climactic "rumble" between the Socs ["SO-shiz"] and Greasers?

A: **The Outsiders**

57. In what musical is "A Little Fall of Rain" sung by Éponine as she dies in Marius's arms?

A: **Les Misérables**

58. Don Lockwood scats, leans off of a lamppost, and tap dances while holding an umbrella in what 1952 Gene Kelly rom-com?

A: **Singin' in the Rain** (accept: **Singing in the Rain**)

Set of 4: Yōkai

59. Yōkai are strange, supernatural entities in what country's folklore?

A: **Japan**

60. In urban legend, from what kind of fixture does Hanako-san, the spirit of a schoolgirl, emerge when summoned?

A: **toilet**

61. What animals, after growing old and running away into the mountainside, gain another tail when they transform into nekomata?

A: **cats**

62. What evil, flesh-eating yōkai is featured in an emoji which depicts it as a horned, red ogre?

A: **oni**

Jailbreak

63. What sporting event, whose 2024 iteration marked the first time since 1975 it did not end on the Champs-Élysées ["SHONS-el-ee-ZAY"], crowns its winner with a yellow jersey?

A: **Tour de France**

64. With flavours like Mala and Carbonara, what brand of South Korean instant noodle is known for their chicken mascot and spicy flavouring?

A: **Buldak** Ramen

65. Maulana Karenga created what holiday, in which participants light candles in a kinara across 7 days to celebrate Pan-African diasporic cultures?

A: **Kwanzaa**

66. What is the largest Bundesland, or German state, by area?

A: **Bavaria** (accept: **Bayern**)

67. What Hindu god, who names the third day of Diwali, makes up the Tridevi along with Saraswati and Parvati?

A: **Lakshmi**

68. The height of what mountain decreased by around 400 meters after it erupted in 1980, in what was the deadliest volcanic event in US history?

A: Mount **St. Helens**

69. In Anglophone countries, on what holiday is the Robert Burns poem "Auld Lang

Syne" traditionally sung?

A: **New Year's** Eve (accept: **New Year's** Day)

70. What PWHL team, which selected Sarah Fillier as the first overall pick in the 2024-2025 draft, is based in Newark?

A: **New York Sirens** (accept either bolded part; accept: PWHL **New York**)

71. What quantity, whose complex form is measured in volt-amperes, has an active form measured in watts?

A: **power**

72. What word for a flirtatious woman names a hyperfeminine fashion aesthetic characterised by lace, pastels, and bows?

A: **coquette**

73. "Ode to Aphrodite" is believed to be the only complete surviving work by what Ancient Greek poet from Lesbos?

A: **Sappho**

74. What country was formed when the Kingdoms of Aragon and Castile underwent a dynastic union in 1479?

A: **Spain**

75. An example of X-linked inheritance is what disease found in some descendants of Queen Victoria, in which blood is unable to clot?

A: **hemophilia**

END OF THIRD QUARTER

FOURTH QUARTER

Pyramid

76.

Part 1: The oldest evidence for the existence of what technology in the Americas was discovered in, and named for, the Mexican village of Cascajal ["cas-ca-HALL"]?

Part 2: Abjads are one kind of this technology, and the West Semitic models of abjads led to the development of another kind of this technology in Greece.

Part 3: The first confirmed development of this technology occurred in Sumeria, where it took the form of characters pressed into clay tablets.

Part 4: Cuneiform is considered the earliest example of this technology, which Ancient Egyptians employed using hieroglyphs.

A: **writing** systems

Set of 3: *Monster High*

79. What company owns fashion doll franchises like *Ever After High* and *Monster High*, but is best known for the *Barbie* doll?

A: **Mattel**, Inc

80. In the 2022 reboot, what half-Taiwanese *Monster High* character wants to practice witchcraft, despite the concerns of her father, Count Dracula?

A: **Draculaura**

81. Jackson and his fire-elemental alter ego Holt are a reference to what two Gothic horror characters, whose names both title a Robert Louis Stevenson novella?

A: Dr. Henry **Jekyll** AND Mr. Edward **Hyde**

Set of 4: Hitting the Gym

82. What physical activity largely consists of asanas, or postures, which are sometimes accompanied by meditation or breathing exercises?

A: **yoga**

83. What company runs an exercise streaming service, which consumers can access through touch screens on their indoor bicycles?

A: **Peloton** Interactive Inc.

84. In what mobile game can players battle and catch raid bosses at augmented reality gyms around the world?

A: **Pokémon Go**

85. What demonym is given to an exercise variation in which weight is held in front of the hips instead of on the floor when performing a deadlift?

A: **Romanian**

15-Part Blitz

86. What basketball player, chosen third overall in the 2020 NBA draft, serves as the point guard for the Charlotte Hornets?

A: **LaMelo Ball** (prompt on: **Ball**)

87. What physicist names a Philip Glass composition whose title places him "on the beach"?

A: Albert **Einstein**

88. Richard Papen reflects on his friend Bunny's murder at Hampden College in what debut novel by Donna Tartt, which has since gained a reputation for embodying "dark academia" literature?

A: **The Secret History**

89. What city became the site of the largest non-nuclear explosion in the world when the SS Imo and SS Mont Blanc collided in its harbour in 1917?

A: **Halifax**

90. What metalloid's presence in stibnite is the source of its chemical symbol, Sb?

A: **antimony**

91. In Sweden, reindeer are only permitted to be herded by members of what Indigenous people?

A: **Sámi**

92. The Dictionnaire de l'Académie Française allows "courriel" to be used in place of what English loanword?

A: **e-mail**

93. Which member of the R&B group Sista later found commercial success with songs like "Get Ur Freak On" and "Work It"?

A: Missy **Elliott** (accept: **Misdemeanor**)

94. After losing by 6 wickets, what defending champions were shockingly knocked out

of the group stage in the 2025 ICC Champions Trophy tournament by India?

A: **Pakistan**

95. The Strait of Messina connects the Ionian Sea with what other sea, which is also connected to the Ligurian Sea by the Corsica Channel?

A: **Tyrrhenian** Sea

96. Small interfering, transfer, ribosomal, and messenger are all kinds of what single-stranded nucleic acids?

A: **RNA** (accept: **ribonucleic acids**)

97. What Canadian author chronicled Hagar Currie Shipley's life in the fictional town of Manawaka in *The Stone Angel*?

A: Margaret **Laurence**

98. What planned city, named after the second president of the Philippines, is the country's most populous city?

A: **Quezon City** (prompt on: Q.C.)

99. Citing traumatic arthritis in his elbow, what youngest elected Hall of Fame pitcher shockingly retired at age 30?

A: Sandy **Koufax** ["KOE-fax"]

100. What is the only SI base unit whose name includes a magnitude prefix?

A: **kilogram** (accept: **kg**)

END OF GAME