



# 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 5

### 6-Part Blitz

1. Whitney Wolfe Herd founded what supposedly feminist dating app, on which women make the first moves?

A: **Bumble**

2. What country was forced to withdraw from the Aouzou strip by Chadian forces after a decisive defeat in the Toyota war?

A: **Libya**

3. Almond pound cakes are the favourite food of what Sanrio character, who wears a pink hood over her rabbit ears?

A: **My Melody** (accept: **My Melo**)

4. Miami, San Juan, and a namesake British territory are often used to define what geographic region?

A: **Bermuda Triangle**

5. Sigismund II Augustus ["Sigismund the Second Augustus"] formed what commonwealth by joining two states in the Union of Lublin?

A: **Polish-Lithuanian Commonwealth** (accept: **Poland-Lithuania**)

6. What letter must be changed from an "r" in a word meaning "to consume something with haste" to get a word meaning "dedicated to a belief"?

A: **t** (devour to devout)

### Set of 4: Fictional Explorers

7. In what country did Montgomery Clyde find Lucy and Pastuzo, the parents of Paddington Bear?

A: **Peru**

8. In what novel is a black flag featuring a golden N planted on the South Pole by Captain Nemo?

A: **Twenty Thousand Leagues Under the Sea**

9. Genly Ai ["GHEN-lee EYE"] attempts to draw the ambisexual Gethenians into a galactic empire in what 1969 novel?

A: **The Left Hand of Darkness**

10. In his last published appearance, what character says "Let's go exploring!" as he rides a sled down the snow?

A: **Calvin**

### Pyramid

11.

**Part 1:** What language has four so-called absolutive suffixes like -li ["lee"] and -in ["een"] that follow nouns in the unpossessed singular, and reduplicates the stem of some plural animate nouns?

**Part 2:** This language is the most widely spoken in its language family, a family for which Whorf's law explains the origins of the voiceless alveolar lateral affricate.

**Part 3:** This language is closely related to Pipil and more distantly related to Hopi and Ute, and through Spanish, is the source of the English loanwords tomato, chili, and avocado.

**Part 4:** This language's word cacahuatl refers to cacao, which was prepared into a hot beverage by this language's speakers in the Aztec Empire.

A: **Nahuatl** (prompt: Aztec, Mexicano)

### Set of 3: Data Structures

14. What data structure names a sorting algorithm where the root node is iteratively popped and replaced with the next largest number?

A: max **heap**

15. In a binary tree with 16 nodes, what is the difference between the maximum and minimum height of the tree?

A: **11**

16. In Python, what type of built-in data structure which stores ordered and unchangeable data is denoted with round brackets?

A: **tuple**

### Double Jump

17. With a 3-0 win over PSG, what team lead by Cole Palmer won the 2025 rebranded FIFA Club World Cup?

A: **Chelsea** Football Club (accept: **Chelsea** F.C.)

18. What was the only other team to beat PSG in the tournament, a Brazilian club who fired their coach Renato Paiva a week later?

A: **Botafogo** de Futebol e Regatas (accept: **Botafogo** F.R.)

### Double Jump

19. What Melanesian country has its capital at Suva?

A: **Fiji**

20. What is the largest and most populous island of Fiji?

A: **Viti Levu**

## 5-Part Mystery Link

21. In cooking, ripe fish eggs are also known by what term when describing the main ingredient of caviar?

A: **roe**

22. What singer was invited to meet with UN Secretary-General Ban Ki-moon following the popularity of his 2012 international hit "Gangnam Style"?

A: **PSY** (accept: Park **Jae-sang**; but reveal **PSY**)

23. Who, along with Ben Green, proved that arbitrarily long sequences of equally spaced primes can always be found, and is widely regarded as one of the greatest living mathematicians?

A: Terence **Tao**

24. Also known as a wildebeest, what member of the antelope family leads the annual great migration through Tanzania and Kenya?

A: **Gnu**

25. In Japanese folklore, what cucumber-eating yokai wear turtle-like shells on their back, as they lurk in water to cause mischief?

A: **Kappa**

All answers are homophones of Greek letters.

## END OF FIRST QUARTER

---

## SECOND QUARTER

### Splits: The Neo-Assyrian Empire & Canadian Architecture

#### The Neo-Assyrian Empire

26. Shamash-shum-ukin led Babylon in a rebellion against what brother of his, the longest-reigning Assyrian king?

A: **Ashurbanipal** (accept: **Assurbanipal**)

27. Around 705 BCE, what city replaced Dur-Sharrukin as the capital of Assyria?

A: **Nineveh**

28. What Assyrian king, whose royal inscriptions describe the flooding of Babylon's streets, also appears in the Old Testament because of his siege of Jerusalem?

A: **Sennacherib**

29. What term refers to a type of Assyrian apotropaic sculptures found at various gates and doorways that take the form of winged bulls?

A: **lamassu**

### **Canadian Architecture**

30. Who was approached by his former thesis advisor at McGill University to develop the master plan for Expo 67, which included Habitat 67?

A: Moshe **Safdie**

31. What landmark civic centre designed by Arthur Erickson is the site of the glass-covered Law Courts building complex and a namesake satellite campus of the University of British Columbia?

A: **Robson Square**

32. From 2004 to 2008, what Canadian museum saw a namesake "Transformation" by Frank Gehry, including the installation of its central wooden staircase?

A: **Art Gallery of Ontario** (accept: **AGO**)

33. What architectural style's Victorian "revival" in Canada is exemplified by the Canadian Parliament Buildings, which feature pointed openings and flying buttresses?

A: **Gothic**

### **Set of 3: DIY Chemical Reactions**

34. What compound is formed by *Leuconostoc* bacteria during the fermentation of kimchi and sauerkraut, resulting in a distinctive tangy flavour?

A: **lactic** acid

35. What animal names a mixture of warm water, yeast, and hydrogen peroxide, its namesake "toothpaste"?

A: **elephant**

36. Deadly chloramine gas can be created when bleach is mixed with cleaning products containing what basic chemical compound?

A: **ammonia** (accept: **NH3**)

### **Set of 4: Basketball in the 1990s**

37. What rhyming nickname is given to the team that defeated Croatia at the 1992 Olympics, winning the gold medal in men's basketball for the United States?

A: The "**Dream Team**"

38. What player is considered the first superstar of the WNBA, winning MVP twice and the championship in every year of the 90s?

A: Cynthia **Cooper**

39. Nick Anderson trash-talked Michael Jordan by claiming what number is not 23, in reference to Jordan using this number after his return to basketball in 1995?

A: **45**

40. Traded for Vlade Divac ["VLAH-day DEE-vahts"] on draft night, what player spent his entire career with the Los Angeles Lakers, and passed away from a helicopter crash in 2020?

A: **Kobe Bryant** (accept either bolded part)

### Double Jump

41. What show, produced by Fortiche ["four-TEESH"] and distributed by Netflix, follows sisters Vi ["VYE"] and Jinx and takes place in the *League of Legends* universe?

A: **Arcane**: *League of Legends*

42. "Strength above all" is the motto of what empire north of Piltover and Zaun in *Arcane*, the home of Mel and Ambessa Medarda?

A: **Noxus**

### Double Jump

43. Glycine is the only achiral example of what class of molecules, the monomers of proteins?

A: **amino acids**

44. Along with glycine, what other amino acid is commonly referred to as a 'helix breaker' as it disrupts the formation of alpha helices, and is the only standard amino acid to include a tertiary amide when part of a polypeptide?

A: **proline** (accept: Pro)

### 6-Part Linked Set

45. Paul's first Epistle to the Corinthians describes what feeling as "kind" and "patient"?

A: **love**

46. What K-pop girl group sings "I wanna know, know, know, know" in response to the title question in their song "What is Love"?

A: **TWICE**

47. What two colours in the Google logo are the only two to show up twice?

A: **red** AND **blue**

48. In what movie does a character played by Laurence Fishburne offer the protagonist a choice between a blue pill and a red pill?

A: *The **Matrix***

49. What quantity must equal zero for all singular, or non-invertible, matrices?

A: **determinant**

50. Compatibilists hold that what philosophical concept can exist in a deterministic universe?

A: **free will**

## END OF FIRST HALF

---

## THIRD QUARTER

### Splits: The 2025 Grammy Awards & The Solar System

#### The 2025 Grammy Awards

51. What Best New Artist nominee went viral for aggressively fixing the crotch of his blue pantsuit and backflipping off of a grand piano?

A: Benson **Boone**

52. The first-ever Album of the Year award won by Beyoncé was awarded to her at the 2025 Grammys for what country album?

A: **Cowboy Carter**

53. What self-proclaimed "swamp princess" released "Nosebleeds" the day after winning Best Rap Album at the 2025 Grammys for *Alligator Bites Never Heal*?

A: **Doechii** (accept: Jayma Ji'mya **Hickmon**)

54. What artist's surprise performance at the 2025 Grammys ended his four-year boycott of the awards ceremony?

A: The **Weeknd** (accept: Abel **Tesfaye**)

#### The Solar System

55. What planet has both the closest mass and radius to that of Earth?

A: **Venus**

56. Discovered by Herschel and photographed by the Cassini spacecraft, what innermost moon of Saturn has a crater reminiscent of the Death Star?

A: **Mimas**

57. What theory is named for the similarity between the path of a sailboat traveling upwind and the way it predicts Jupiter and Saturn to have migrated inwards to reach a 2 to 3 resonance and reversed their current orbits?

A: **Grand Tack** hypothesis

58. What moon of Jupiter is the most geologically active object in the solar system, and the second-smallest of the Galilean moons?

A: **Io**

## Set of 4: Pirates

59. What pirate took the French slave ship *La Concorde* as his own, renaming it the *Queen Anne's Revenge*?

A: **Blackbeard** (accept: Edward **Teach**, Edward **Thatch**)

60. What actor plays Elizabeth Swann in the *Pirates of the Caribbean* films?

A: Keira **Knightley**

61. Along with Mary Read, what pirate evaded execution by pleading her belly in a trial of the crew of Calico Jack Rackham?

A: Anne **Bonny**

62. International Talk Like a Pirate Day is observed as a holy day by what religion, as it maintains that pirates were the original worshippers of the Flying Spaghetti Monster?

A: **Pastafarianism**

## Jailbreak

63. A red cloak sometimes interpreted as representing a human brain surrounds God in what fresco painting by Michelangelo?

A: *The **Creation of Adam***

64. Height, backness, and roundness are among the features used to classify what kind of sound, characterized by pronunciation without closure in the vocal tract?

A: **vowel**

65. What regnal name was shared by both monarchs of the empire of Brazil?

A: **Pedro**

66. Cherries turn to strawberries, which then can turn into grapes, eventually combining into what title fruit in an Aladdin X video game?

A: **suika** (accept: **watermelon**)

67. What island gives its name to a salad consisting of basil, mozzarella, and tomato, as well as to a type of pants cut roughly halfway down the lower leg?

A: **Capri**

68. What city has the longest metro system in the world by route length, with stations including Disney Resort, Jiao Tong University, and Pudong Airport Terminal?

A: **Shanghai**

69. What quasiparticles are bound to electrons in excitons, and can recombine with electrons to release light in LEDs?

A: electron **holes**

70. Breanna Stewart led what team in points to their win against the Minnesota Lynx in the 2024 WNBA Championship?

A: **New York Liberty** (accept either bolded part)

71. George and Harold use a hypnotic ring to turn their principal into the title superhero in what children's book series by Dav Pilkey?

A: **Captain Underpants**

72. What husband of Nuwa, credited with the discovery of divination and writing, is sometimes shown with a snake body when depicted as the first mythical emperor of China?

A: **Fuxi**

73. The colony of French West Africa had its capital located in what largest Senegalese city?

A: **Dakar**

74. What type of bond comes in single, double, and triple varieties, each of which involves the sharing of a different number of electron pairs?

A: polar **covalent**

75. Aquae Sulis was the Roman name for what modern British spa town?

A: **Bath**

## END OF THIRD QUARTER

---

## FOURTH QUARTER

### Pyramid

76.

**Part 1:** What surname is found in Richard's nickname for Ms. Vaughan, who is connected via the symbol of yellow roses to Richard's mother Laura Brown?

**Part 2:** One character with this surname decides on the way back from his government job to tell his wife "in so many words" that he loves her, but ultimately does not say anything.

**Part 3:** This is the married surname of a character whom Lady Bradshaw casually informs of Septimus Smith's suicide.

**Part 4:** Clarissa, a character with this married surname, "buys the flowers herself" at the beginning of a Virginia Woolf novel titled for this surname.

A: **Dalloway**

### Set of 3: Alliterative Foods

79. What two-word term is given to a divided container with a Japanese-style single portion meal inside?

A: **bento box**

80. What dessert, which consists mostly of whipped cream and its namesake macerated fruit, also names a red-haired cartoon character featured in a series of dolls?

A: **strawberry shortcake**

81. After France refused to support the United States in the Iraq War, Congressional cafeterias gave French fries what new two-word alliterative name?

A: **freedom fries**

#### **Set of 4: Rings**

82. What title material does Alberich steal from the bottom of a river to forge the Ring of the Nibelung in the opening scene of the first work in Richard Wagner's *Ring* cycle?

A: the **Rhine gold** (accept: das **Rheingold**, the **gold of the Rhine**) (prompt: gold)

83. What is the name of the item typically given to graduates during the Ritual of the Calling of an Engineer?

A: **Iron Ring** (accept: **Ring of Obligation**)

84. After he finds it in a riverbed, what hobbit-like character is strangled by Sméagol for possession of the One Ring?

A: **Déagol** (accept: **Nahald**)

85. What body of water is encircled by a tectonic belt in which roughly 75% of the world's volcanoes are located, the Ring of Fire?

A: **Pacific** Ocean

#### **15-Part Blitz**

86. Who was the first English queen consort to be coronated with St Edward's Crown after becoming the second wife of Henry VIII?

A: Anne **Boleyn**

87. 10,000 pairs of underwear were donated to victims of domestic violence by Billie Eilish and Charli XCX following their use in the music video for what song?

A: **"Guess"**

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

A: **Kwanzaa**

89. The Kingdom of Kandy was the highest authority on what island until the 19th century?

A: **Sri Lanka**

90. Robert Wun designed a red coat and hat with burned accents for what Nigerian-American fashion influencer's 2024 Met Gala look?

- A: **Wisdom Kaye** (accept either underlined part)
91. From what type of tower does a muezzin ["moo-EH-zin"] sing the adhan ["ah-DTHAN"], the Muslim call to prayer?  
A: **minaret** (accept: **manara**)
92. What mountain range, whose highest peak is at Mount Rainier, is the source of the name of a physical region encompassing the Pacific Northwest?  
A: **Cascades** (accept: **Cascade** range, **Cascadian** range)
93. Two British coins name what vehicle with differently-sized wheels?  
A: **penny-farthing**
94. Dick Eastland served as the director of what Christian camp in Kerr County, Texas, before it was devastated by flash floods in July of 2025?  
A: Camp **Mystic**
95. The Organisation for Transformative Works runs what Hugo Award-winning open source repository, which hosts over 10 million works of fanfiction?  
A: **Archive of Our Own** (accept: **AO3**)
96. What word can precede "smith", "jack", or "mail" to form three new words?  
A: **black**
97. Originating in South Korea, what feminist movement involves its participants refusing to date, marry, or have children with men?  
A: **4B** Movement (accept: **4 "Nos"** movement)
98. What river runs through Aranjuez ["uh-RAHN-wezz"] and Toledo in Spain, and later empties into the Atlantic at its mouth in Lisbon?  
A: **Tagus** river
99. What geneticist discovered the transposon, or "jumping gene", during her study of the genetic map of maize?  
A: Barbara **McClintock**
100. What Austronesian language is the most spoken native language in the Philippines?  
A: **Tagalog**

**END OF GAME**