



## 2024 Summer Open (T1) – Pack 9

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# PACK 9

## 5-Part Blitz

1. Two major 2022 movies, one live action and one stop motion animated, told the story of what puppet who wished to be a real boy?  
A: **Pinocchio**
2. The recently-approved drug Leqembi treats what disease, slowing its progression by removing amyloid beta plaques from the brain?  
A: **Alzheimer's** disease (prompt on: dementia)
3. In opera, what is the lowest female vocal range?  
A: **contralto**
4. Give the full word that either the P or the I can stand for in the names of screen resolutions like 1080p or 1080i.  
A: **progressive** OR **interlaced**
5. The 707, 747, and 787 Dreamliner are all airplanes built by what company?  
A: **Boeing**

## Double Jumps

6. "ing" and "er" are examples of what kind of affix, which appears at the ends of words?  
A: **suffixes**
7. The English suffix "ing", signifying the present participle of a verb, cannot be a word on its own, which means it is what kind of morpheme?  
A: **bound** morpheme
8. What mineral, which defines the rating of 7 on the Mohs scale, is the second-most-abundant in Earth's crust and can form gemstones such as tiger's eye and amethyst?  
A: **quartz**
9. What tectosilicate is the only mineral more common in the crust than quartz?  
A: **feldspar**

## Set of 4

10. In 1997, Jeff Bezos made a highly litigious claim that Amazon was the "world's largest" example of what kind of retailer, which Amazon originated as?  
A: **bookstore** (accept clear equivalents)
11. What is the largest brick-and-mortar bookstore chain in the US, responsible for the above lawsuit?  
A: **Barnes and Noble**
12. What Canadian author began writing after deciding that she could do better than the authors sold in her then-husband's Victoria bookstore – and went on to win the 2013 Nobel Prize in Literature?  
A: Alice **Munro**
13. Heather Reisman is the founder of what company, Canada's largest bookstore chain?  
A: **Indigo**

## Jackpot

14. Part 1: The title character of what novel was inspired by the founder of the Dawn Settlement near Chatham, Ontario? That real person was Josiah Henson.
15. Part 2: In this novel, Tom Loker repents on his wicked ways after being nursed back to health by Quakers.
16. Part 3: This novel is criticized by the first essay in the collection *Notes of a Native Son*. Its protagonist saves a girl named Eva from drowning in a freezing river.
17. Part 4: The American Civil War was partially sparked by this Harriet Beecher Stowe anti-slavery novel.  
A: **Uncle Tom's Cabin**

### Set of 3: The Billboard Hot 100

18. What song spent a record 19 weeks at number 1 in 2019?  
A: **"Old Town Road"**
19. From its 1995 release until it was tied in 2017, the record was held by what collaboration between Boyz II Men and Mariah Carey?  
A: **"One Sweet Day"**
20. Morgan Wallen is featured on what current Billboard #1 song by Post Malone?  
A: **"I Had Some Help"**

### 5-Part Blitz

21. What is the provincial equivalent of a governor general?  
A: **lieutenant governor** (reject partial answers)
22. What is the Japanese word for salmon, spelled the same way in English as a Japanese alcohol?  
A: **sake** ["SAH-kay"]
23. What state of matter is created by supercooling a gas until all its particles occupy the lowest quantum state, and is named for the two scientists who theorized it in the 1920s?  
A: **Bose-Einstein condensate** (accept: **BEC**)
24. Who has received the most nominations for acting Academy Awards, and has won for *Kramer vs. Kramer*, *Sophie's Choice*, and *The Iron Lady*?  
A: Meryl **Streep**
25. What Katherine Paterson novel follows children Jesse and Leslie as they create an imaginary kingdom in a forest over a creek?  
A: **Bridge to Terabithia**

## END OF FIRST QUARTER

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## SECOND QUARTER

### Splits: Norse Mythology & Chemical Formulas

#### Norse Mythology

26. What location in Asgard is the terminus of Bifrost and the home of Heimdall?  
A: **Himinbjorg**
27. Thanks to the meddling of Loki, the blind god Hodr accidentally killed his brother Baldur using an arrow tipped with what kind of plant?  
A: **mistletoe**
28. What god rides the eight-legged horse Sleipnir and wields the spear Gungnir?  
A: **Odin**

29. What word appears in the name of two large collections of Norse myths, one poetic and the other prose?  
A: **eddas**

### **Chemical Formulas**

Given a brief description of a chemical compound and its name, give its chemical formula.

30. The main component of rust, ferric oxide.  
A: **Fe<sub>2</sub>O<sub>3</sub>**
31. The simplest alkyne ["AL-kine"], called ethyne ["ETH-ine"] or acetylene.  
A: **C<sub>2</sub>H<sub>2</sub>**
32. Quicklime, also known as calcium oxide.  
A: **CaO**
33. Used in older airbag designs, sodium azide.  
A: **NaN<sub>3</sub>**

### **Double Jumps**

34. Many North Americans stop wearing white after what holiday passes?  
A: **Labour Day**
35. What is the only CFL team that does not usually play in the Labour Day Classic?  
A: **BC Lions** (accept either bolded part)
36. Currently the fourth-most popular worldwide, what open-source web browser is developed by Mozilla?  
A: Mozilla **Firefox**
37. Most of the source code for Google Chrome comes from what open-source browser by Google?  
A: Google **Chromium**

### **Set of 4: Lines**

38. What is the x-intercept of the line  $y = 2x - 4$ ?  
A:  $x = \underline{2}$  (accept: **(2, 0)**)
39. Ryan Stiles, Wayne Brady, and Colin Mochrie are the regular performers on what improv TV show?  
A: **Whose Line Is It Anyway?**
40. What word is used in England to refer to a lineup of people?  
A: **queue**
41. Named for two surveyors, what line is seen as a boundary between the northern and southern United States?  
A: **Mason-Dixon** Line

### **Set of 4**

42. What kind of lake is the centre of its own drainage basin and does not have any rivers taking its water to the sea, but only loses water through penetration and evaporation?  
A: **sink** lake (accept: **endorheic** lake, **terminal** lake)
43. Because so much of their water is lost through evaporation, sink lakes have a very high value of what quantity?  
A: **salinity** (accept: **salt**iness)
44. What is the largest sink lake in the Western Hemisphere?  
A: **Great Salt** Lake

45. What is the largest sink lake in the world, and in fact the largest lake of any kind?

A: **Caspian** Sea

### 5-Part Blitz

46. The transition from public torture and execution to modern-day prisons in Western countries, and its impact on power relations, is traced in what book by Michel Foucault?

A: **Discipline and Punish**

47. Loren Bouchard created what animated series centred on the Belcher family?

A: **Bob's Burgers**

48. "Mittwoch" ["MITT-vock"] is the German word for which day of the week?

A: **Wednesday**

49. Tom Landry and Jimmy Johnson won Super Bowls coaching which NFL team?

A: **Dallas Cowboys** (accept either bolded part)

50. Who composed the "Fanfare for the Common Man", as well as the ballets *Rodeo* and *Appalachian Spring*?

A: Aaron **Copland**

## END OF FIRST HALF

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## THIRD QUARTER

### Splits: Small Canadian Cities & *Minecraft*

#### Small Canadian Cities

51. What is the next-largest city in the Calgary-Edmonton corridor, located midway between the two large cities?

A: **Red Deer**

52. What is the largest city in the Niagara Region?

A: **Saint Catharines**

53. Chicoutimi and Jonquière were merged to form what city, located east of Lac Saint-Jean in northern Quebec?

A: **Saguenay**

54. What is the second-largest city in Manitoba?

A: **Brandon**

#### *Minecraft*

55. What Swede created *Minecraft*?

A: **Notch** (accept: Markus **Persson**)

56. Using shears on what harvestable block produces a carved item that can be worn to prevent enderman attacks?

A: **pumpkin**

57. Twelve of what objects are used to activate end portals?

A: **eyes of ender** (accept: **ender eyes**) (prompt on: eyes)

58. The game *Minecraft Earth* used what technology, notably used by *Pokemon Go*?

A: **augmented reality** (accept: **AR**)

### Double Jumps

59. What word refers to a round in which each player plays one card, in card games such as euchre and bridge?  
A: **trick**
60. Playing alone and winning every trick in a hand of euchre is worth how many points?  
A: **4** points
61. What album includes the songs "The Girl is Mine", "Beat It", "Billie Jean", and the title track, whose music video sees Michael Jackson dancing with zombies?  
A: **Thriller**
62. Jackson was sued by Cameroonian artist Manu Dibango for sampling the repeated lines "ma ma se, ma ma sa, ma ma coo sa" in what opening track on *Thriller*?  
A: **"Wanna Be Startin' Somethin'"**

### Set of 3: Medieval Scholarship

63. In medieval Europe, men of what occupation were responsible for passing down most written works, such as the famous Book of Kells?  
A: **monks** (accept: **abbots**)
64. In what city was a massive library called the House of Wisdom built by Caliph Harun al-Rashid?  
A: **Baghdad**
65. The Sankore Madrasah and the Djinguereber ["jing-er-AY-ber"] Mosque, built by Mansa Musa, were among the buildings that made what city the cultural centre of the Sahara?  
A: **Timbuktu**

### Set of 5

66. What term, from the French for "carry" and "coat", refers to a word formed by blending two or more other words?  
A: **portmanteau**
67. What English writer coined the word "portmanteau" in English to describe his combination of "slimy" and "lithe" into one word, "slithy", in his poem "Jabberwocky"?  
A: Lewis **Carroll**
68. Unlike "slithy", what other portmanteau introduced in "Jabberwocky" has actually come to be used in English and combines the verbs "chuckle" and "snort"?  
A: **chortle**
69. What portmanteau combines the names of the two oldest universities in England?  
A: **Oxbridge**
70. Somebody eating pancakes, bacon, and eggs at 11:00 am might be said to be having what?  
A: **brunch**

### Linked Set of 5

71. What word comes from the Japanese for "harbour wave" and refers to a series of waves caused by the large  
A: **tsunami**
72. In what year were Indonesia and other Indian Ocean countries devastated by a massive tsunami on Boxing  
A: **2004**
73. What country both won the Euro and hosted the Summer Olympics in 2004?  
A: **Greece**
74. What island country is divided between Turkish and Greek zones?  
A: **Cyprus**

75. What element is named after Cyprus, where it was once heavily mined?  
A: **copper** (accept: **Cu**)

### END OF THIRD QUARTER

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### FOURTH QUARTER

#### Jackpot

76. Part 1: Who was unable to convince Bruno Kreisky to keep a transit facility at Schoenau Castle open following a hostage-taking by terrorists?
77. Part 2: When asked about their religious beliefs, this leader stated "I believe in my people, and my people believe in God".
78. Part 3: Following the Lillehammer affair, in which an innocent waiter was assassinated, this leader was forced to cancel Operation Wrath of God.
79. Part 4: Until resigning after having been caught off guard by the Yom Kippur War, this woman was the Prime Minister of Israel from 1969 to 1974.  
A: Golda **Meir**

#### Streak

80. Aside from Professor Charles Xavier, name up to all five members of the original 1963 X-Men team from the
- A: Arch**angel** (accept: **Warren** Kenneth **Worthington** III) (accept either bolded part)
- A: **Beast** (accept: **Henry** Philip "**Hank**" **McCoy**) (accept any bolded part)
- A: **Cyclops** (accept: **Scott Summers**) (accept either bolded part)
- A: **Iceman** (accept: **Robert** Louis "**Bobby**" **Drake**) (accept either bolded part)
- A: **Jean** Elaine **Grey** (accept either bolded part) (accept: **Marvel Girl**, **Dark Phoenix**)

#### Streak

83. Aside from the extant *Homo sapiens*, name up to any five of the extinct species in the genus Homo.
- A: *Homo* **neanderthalensis** (accept: **neanderthals**)
- A: *Homo* **erectus**
- A: *Homo* **habilis**
- A: *Homo* **floresiensis**
- A: *Homo* **rudolfensis**
- A: *Homo* **heidelbergensis**
- A: *Homo* **ergaster**
- A: *Homo* **antecessor**
- A: *Homo* **luzonensis**
- A: *Homo* **longi**
- A: *Homo* **naledi**

#### Set of 4: English Monarchs

85. Pope Pius V excommunicated which English monarch for undoing her predecessor's acts to reverse the English Reformation?  
A: **Elizabeth I** (prompt on: Elizabeth)
86. Which king was only ever in England for six months, spending most of his life in France or winning victories against Saladin on the Third Crusade?  
A: **Richard the Lionheart** (accept: **Richard I**) (prompt on: Richard)
87. Which king lost most of England's possessions in France, raised high taxes to try to win them back, and was eventually forced to sign the Magna Carta by nobles?  
A: King **John** (accept: **John Lackland, John I**)
88. What daughter of James II co-ruled with her first cousin, William of Orange?  
A: **Mary II** (prompt on: Mary)

### 12-Part Blitz

89. Who painted *Opening of the Fifth Seal* and *View of Toledo* and had a Spanish nickname referencing his Greek origins?  
A: **El Greco** (accept: Domenikos **Theotokopoulos**)
90. What word can refer to the scale degree of D in the key of G major, or a type of allele that masks the phenotype of a recessive allele?  
A: **dominant**
91. What type of neckwear's name comes from the endonym of Croatia?  
A: **cravat**
92. What enormous piece was Mozart working on at the time of his death?  
A: **Requiem Mass in D Minor**
93. The recently-renamed Guardians play baseball for what city?  
A: **Cleveland**
94. What noun can refer to a removal from office, a testimony recorded out of court, or a gas turning into a solid?  
A: **deposition**
95. Played by Carl Weathers, who is the main antagonist in the first two *Rocky* films?  
A: **Apollo Creed** (prompt on: Creed)
96. What Scotland Yard detective appears in 13 Sherlock Holmes stories?  
A: Detective Inspector G. **Lestrade**
97. What company sells the Easy Button, originally seen in its advertisements?  
A: **Staples**
98. Who painted *Scenes from the Massacre at Chios* and *Women of Algiers in their Apartment*?  
A: Eugene **Delacroix**
99. What Cartoon Network series follows the brothers Greg and Wirt in a forest called the Unknown?  
A: **Over the Garden Wall**
100. What Paul Landowski statue is located on Corcovado mountain in Rio de Janeiro?  
A: **Christ the Redeemer** (accept: **Cristo Redentor**)

END OF GAME