



2025-26 High School Qualifier (T2) – Pack 4

Head Editor: *Ian Greig*

Writers/Editors: *Nicolas Edwards, Ian Greig, Paul Kasiński, Jenny Mao, Malhaar Moharir, Jack van Nostrand, Ryan Sharpe, Joe Su, Isaac Thiessen, Zhongtian Wang, Rowan Watchmaker*

PACK 4

5-Part Blitz

1. The lyric "Never made it as a wise man" begins what 2001 song, the biggest hit for Nickelback?
A: **"How You Remind Me"**
2. What city's mayor is Avaaraq Olsen, a vocal opponent of Donald Trump's threat of annexation?
A: **Nuuk**
3. Marked by a dot above or below a note, what musical articulation means to play the note in a detached manner?
A: **staccato**
4. What point guard for the Indiana Fever won the 2024 Rookie of the Year Award in the W.N.B.A.?
A: Caitlin **Clark**
5. What desert covers much of Inner Mongolia?
A: **Gobi** Desert

Double Jump

6. Russian Blue, Persian, British Shorthair, and Siamese are all breeds of what animal?
A: domestic/house **cats** (accept: ***Felis catus***)
7. Due to the genetics of coat colour determination, 99.9% of calico and tortoiseshell cats possess what trait?
A: they are **females/girls** (accept: they have **two X chromosomes**, clear equivalents)

Double Jump

8. What process uses a blast furnace to apply heat and chemical reducing agents to an ore to isolate the base metal?
A: **smelting** (accept word forms)
9. Smelting often produces what kind of molten liquid as a byproduct, containing parts of the ore that have bonded with reducing agents?
A: **slag**

Set of 4

10. A popular debate concerns whether a hot dog is what other kind of general food item?
A: **sandwiches**
11. What filling, combined with spicy pickled vegetables or mild bell peppers, is found in a sandwich originating from Chicago that has recently been popularized by the T.V. series *The Bear*?
A: Italian **beef** (accept: Italian roast **beef**)
12. What city is known for a sandwich made up of a hoagie roll filled with beef and melted cheese?
A: **Philadelphia** (prompt on: **Philly**)
13. With a name literally meaning "wheat bread", what sandwich consists of a baguette and fillings such as barbecued pork, pickled carrots, and coriander, and originates from Vietnam?
A: **banh mi**

Jackpot

14. Part 1: A slow-flowing aquifer called the Hamza can be found underneath what body of water?
15. Part 2: This body of water provides most of the habitat for the giant otter, and is the larger of the two main bodies of water that are home to the boto, a type of dolphin.
16. Part 3: This is the longest river in the world with no major bridges crossing it, although there is a large bridge over one of its tributaries near the "meeting of the waters" by Manaus.
17. Part 4: This river has the largest discharge volume in the world, emptying into the Atlantic Ocean from Brazil after flowing through its namesake rainforest.
A: **Amazon** River

Set of 3: American Presidential Assassinations

18. A disgruntled office-seeker named Charles Guiteau shot which president in 1881, after which Chester A. Arthur took office?
A: James **Garfield**
19. In what city's Pan-American Exposition did anarchist Leon Czolgosz ["CHOLL-gosh"] assassinate William McKinley?
A: **Buffalo**
20. Taking its name from the Supreme Court Chief Justice who chaired it, what commission concluded that Lee Harvey Oswald acted alone in assassinating J.F.K.?
A: **Warren** Commission

5-Part Blitz

21. The lack of what structures gives its name to the class of fish with scientific name Agnatha?
A: **jaws**
22. Who played Mr. Fantastic in a 2025 Marvel movie?
A: Pedro **Pascal**
23. What branch of physics studies the motion of objects without considering the forces acting on them?
A: **kinematics**
24. The protagonist of Edmond Rostand's play *Cyrano de Bergerac* is ashamed of what physical feature?
A: his large **nose** (accept clear equivalents)
25. What kind of social structure had its path lengths studied through Stanley Milgram's small world experiment, and is associated with the phrase "six degrees of separation"?
A: **social networks** (prompt on: networks)

END OF FIRST QUARTER

SECOND QUARTER

Splits: Persian Monarchies & Recent Literature

Persian Monarchies

26. What title was used by Iranian monarchs of the 20th century?
A: **Shah**
27. Persia became an officially Shia state under the rule of what dynasty established in 1501?
A: **Safavid** Dynasty (accept: the **Safavids**)

28. Whose tomb at Pasargadae is the site of frequent celebrations because of his revered role as the founder of the first confirmed Persian empire, the Achaemenids ["uh-KAY-men-idz"]?
A: **Cyrus the Great** (accept: **Cyrus II**) (prompt on: **Cyrus**)
29. What kind of empires conquered and controlled Persia from the 7th to the 9th centuries under Arab rulers?
A: **caliphates**

Recent Literature

30. What ethnicity is shared by the protagonist of the 2025 Booker Prize winner and the author who won the 2025 Nobel Prize in Literature?
A: **Hungarian** (accept: **Magyar**)
31. What author's *The Emperor of Gladness* begins with the Vietnamese-American protagonist contemplating suicide?
A: Ocean **Vuong**
32. What author's *Knife: Meditations After an Attempted Murder* is a memoir about a 2022 stabbing attack?
A: Salman **Rushdie**
33. What novel about the life of Haymitch Abernathy is set 40 years after *The Ballad of Songbirds and Snakes*?
A: ***Sunrise on the Reaping***

Double Jump

34. What letter must be removed from a word meaning a companion to get a word meaning a demon or a wicked person?
A: **R** (friend -> fiend)
35. What letter must be added to a word meaning a close union or partnership to get a word meaning a casual fling?
A: **D** (alliance -> dalliance)

Double Jump

36. What is India's financial capital, and its third-largest city after Delhi and Calcutta?
A: **Mumbai** (accept: **Bombay**)
37. What is the main language of Mumbai, and of the rest of the state of which it is the capital?
A: **Marathi**

Set of 4: Named for Weather

38. In response to E.U. legislation, Apple discontinued what port, which had been standard on their products for over a decade?
A: **lightning** port/connector/cable
39. What nickname was given to Rubin Carter, a boxer whose wrongful conviction for murder was the subject of a Bob Dylan song?
A: Rubin "**Hurricane**" Carter
40. What move raises the power of fire-type moves for five turns in the *Pokemon* games?
A: **Sunny Day**
41. *Diablo*, *Overwatch*, and *World of Warcraft* are all produced by what game developer?
A: **Blizzard** Entertainment (accept: Activision **Blizzard**)

Set of 3: Seven Deadly Sins in Fiction

42. In Dante's *Inferno*, people who commit what sin reside in the Second Circle of Hell, where they are perpetually blown by a violent windstorm?
A: **lust**
43. Who stars alongside Brad Pitt as a seasoned detective investigating a serial killer inspired by the deadly sins in the film *Seven*?
A: **Morgan Freeman** (prompt on: Freeman)
44. In what series do the seven deadly sins name villainous Homunculi created by Father?
A: **Fullmetal Alchemist: Brotherhood** (prompt on: FMAB)

Linked Set of 6

45. Despite the astronauts going into a pod so it can't hear them, how does HAL learn that Frank and Dave are planning to deactivate him in *2001: A Space Odyssey*?
A: **reading their lips** (accept clear equivalents that involve reading or watching lips or mouths)
46. Charles-Michel de l'Épée developed and standardized education methods for what form of communication, often contrasted with lip reading in the education of deaf students?
A: **sign language** (accept: hand **signs**, hand **signing**)
47. Which side of the triangle is divided by the hypotenuse to calculate the sine of a given angle?
A: **opposite** side
48. What word can precede "cabinet" when referring to ministry-specific critics from the opposition party?
A: **shadow**
49. What kind of location contains a group of prisoners whose only knowledge of reality is a series of shadows on the wall, as described in Plato's *Republic*?
A: the **cave**
50. What "S"-word refers to the recreational exploration of caves?
A: **spelunking**

END OF FIRST HALF

THIRD QUARTER

Splits: T.V. Spin-Offs & The Moon in Mythology

T.V. Spin-Offs

51. What spin-off depicts the evolution of Jimmy McGill from a public defender into the unscrupulous character first seen on *Breaking Bad*?
A: **Better Call Saul**
52. Set after the main character's move from Boston to Seattle, what spin-off of *Cheers* focuses on the titular psychiatrist and radio host?
A: **Frasier**
53. What city is the setting of three shows depicting the Gaffney Medical Centre, the 21st District Police Department, and Firehouse 51?
A: **Chicago**
54. The title of what long-running show was anagrammed to make the title of one of its spin-offs, *Torchwood*?
A: **Doctor Who**

The Moon in Mythology

55. Who falls in love with Endymion after watching him sleep every night, and is the personification of the moon in Greek mythology?
A: **Selene** (accept: **Mene**)
56. One of the three children of creator deity Izanagi, what god represents the moon in Japanese mythology?
A: **Tsukuyomi**-no-Mikoto
57. The ritual of drawing down the moon, wherein the spirit of a moon goddess is asked to speak through a coven's High Priestess, is central to what modern pagan religion?
A: **Wiccan** (accept: **Wiccanism**)
58. Alongside a mortar and pestle, what kind of animal is said to reside on the moon in East Asian mythology, due to markings on the surface that resemble it?
A: **rabbit** (accept: **hare**, **bunny**)

Set of 3: Skincare

59. Commonly containing hydrocolloids, what alliteratively named stickers aim to reduce inflammation from acne?
A: **pimple patches**
60. What polysaccharide also used to treat dry eyes is found in many skincare products designed to hydrate the skin?
A: **hyaluronic acid**
61. Often the goal of 10-step skincare routines popular in South Korea, what is skin that is smooth, moisturized, and clear meant to resemble?
A: **glass** skin

Jailbreak

62. An invitation to try what drink allows Montresor to lure Fortunato into his catacombs in a short story by Edgar Allan Poe?
A: **amontillado** wine (prompt on: **wine**, **sherry**)
63. Who exasperatedly sings "I want to be me / is that not allowed?" in the chorus of her song "Messy"?
A: Lola **Young**
64. What Greek letter is used to represent a value of two times pi?
A: **tau**
65. In what country did the United States mount Operation Just Cause in 1989 to overthrow dictator Manuel Noriega?
A: **Panama**
66. Minneapolis, St. Louis, Memphis, and New Orleans all lie on what river?
A: **Mississippi** River
67. What alliterative term refers to a hidden item or message found in films or video games?
A: **Easter eggs**
68. What country is often divided into the Visayan Islands, Mindanao, and Luzon?
A: the **Philippines**
69. What "D"-word is a more formal name for a folder on a computer?
A: **directory** (accept: **directories**)
70. What three-letter word can refer to the currency of Peru, a Martian unit of time, or the Sun in Spanish?
A: **sol**
71. What sport do the Bad News Bears play in their namesake movies?
A: **baseball**
72. In 1962, what country removed facial features from the sun and moon on their flag, the world's only non-rectangular national flag?
A: **Nepal**

73. What empire tried to capture Vienna in both 1529 and 1683?
A: **Ottoman** Empire (accept: Ottoman **Turkey**, the **Ottomans**, the **Turks**)
74. Long-range commercial jets typically fly in which relatively calm layer of the atmosphere, also the second-lowest?
A: **stratosphere**
75. In what Asian city did Alex Honnold recently free solo climb its namesake skyscraper?
A: **Taipei**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: In what country did an artist paint two different views of his town, one brightly lit with a man in the foreground holding a map of the city, and the other showing buildings on green hills under a dark, stormy sky?
77. Part 2: Another painter from this country made portraits of a pope with a ruddy face and shrewd expression, and a nude woman lying in bed looking at a mirror.
78. Part 3: Artists who worked in this country made paintings such as *The Opening of the Fifth Seal*, *The Burial of the Count of Orgaz*, the *Rokeby Venus*, and one whose title translates as *The Ladies-in-Waiting*.
79. Part 4: Another painter from this country painted five angry nude women in *Les Demoiselles d'Avignon*, and several writhing black-and-white animals in *Guernica*.
A: **Spain**

Streak

80. Give the full name or nickname of up to every M.L.B. team named for a type of wild animal.
- A: Toronto **Blue Jays** (accept: **Jays**)
- A: Baltimore **Orioles**
- A: Miami **Marlins**
- A: Detroit **Tigers**
- A: Chicago **Cubs**
- A: Tampa Bay **Rays**
- A: St. Louis **Cardinals**
- A: Arizona **Diamondbacks**

Set of 5

84. What compound has the chemical formula CH₄?
A: **methane**
85. Removing a methyl group from thymine gives what other nucleotide base that replaces thymine in R.N.A.?
A: **uracil** (prompt on: U)
86. Adding a methyl group to theobromine gives what stimulant, also toxic to dogs?
A: **caffeine**
87. What insect's Latin name is found in the common name of methanoic acid, formic acid?
A: **ants**
88. What is the more common name of trichloromethane?
A: **chloroform**

12-Part Blitz

89. What country has an estimated 90,000 slaves, mostly Black people held by Arab masters?
A: **Mauritania**
90. Who included 34 tracks on his 2022 album *American Heartbreak*, including "Something in the Orange"?
A: Zach **Bryan**
91. Deceased pets are said to cross what structure to enter Heaven?
A: the **Rainbow Bridge** (prompt on: bridge)
92. What is the x-intercept of the line $2x$ plus $3y$ equals 6?
A: x equals **3** (accept: **(3, 0)**)
93. Most historians agree that which early pharaoh was the man known as Menes, who united the Upper and Lower Kingdoms?
A: **Narmer**
94. The Icefields Parkway connects what two national parks?
A: **Banff** National Park AND **Jasper** National Park
95. One weber per metre squared is equal to what unit of magnetic flux density?
A: one **Teslas**
96. Four interpolations to Bach's *Magnificat*, a Corelli concerto, and a Bach oratorio were all composed for what holiday?
A: **Christmas**
97. In Chinese weddings, the bride typically wears a dress of what colour?
A: **red** (accept: **red** dress)
98. Which prime minister led their party to winning the highest proportion of seats in any Canadian federal election ever, by winning a landslide in 1958?
A: John **Diefenbaker**
99. What "S"-word refers to the multiple green parts of a flowering plant that support the petals?
A: **sepals** ["SEPP-ulz"]
100. Drawings of an unimpressed man, often referring viewers to a sign or a blackboard, accompany what three-word mantra posted when crises are resolved without major changes to the world order?
A: **nothing ever happens**

END OF GAME